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## REPORT

FROM

### THE COMMISSIONER OF PATENTS,

SHOWING

*The operations of the Patent Office during the year 1840.*

—  
**FEBRUARY 3, 1841.**

Ordered to be printed.  
—

PATENT OFFICE, *January, 1841.*

SIR: In obedience to the act to promote the useful arts, the Commissioner of Patents has the honor to submit his annual report.

Four hundred and seventy-three patents have been issued during the year 1840, including sixteen additional improvements to former patents, of which classified and alphabetical lists are annexed, marked A and B.

During the same period, three hundred and twenty-one patents have expired, as per list marked C.

The applications for patents during the year past amount to seven hundred and sixty-five, and the number of caveats filed was two hundred and twenty-eight.

The receipts of the office for 1840 amount to \$38,056 51; from which may be deducted \$7,173 31, paid on applications withdrawn, as per statement D.

The ordinary expenses of the Patent Office for the past year, including payments for library and for agricultural statistics, were \$23,982 45; leaving a surplus of \$6,900 75 to be credited to the patent fund, as per statement marked E.

For the restoration of models, records, and drawings, under the act of March 3, 1837, \$7,864 91 have been expended, as per statement marked F.

The whole number of patents issued by the United States, previous to January, 1841, is eleven thousand nine hundred and eighty-two.

During the past year, the Commissioner of Patents has removed into the new building, which is both commodious and secure against fire; and the patented models are classified and exhibited in suitable glass cases. The National Gallery is ready for the exhibition of models and specimens, and cases are being prepared to preserve the same against injury or loss by exposure. I am happy to say that the mechanics and manufacturers are improving the opportunity to present the choicest contributions; and, from the encouragement given, no doubt is entertained that the hall, considered by some so spacious, will, in a short time, be entirely filled; presenting a display of national skill and ingenuity not surpassed by any exhibition in the world.

The basement story affords equal room for the exhibition of agricultural implements and seeds.

By the felicitous advantage of the National Gallery, the Commissioner will be enabled to restore the models of the useful arts ; and, without this assistance, other efforts would be unsuccessful.

It will readily be perceived that a patentee, whose patent has expired, has little interest to restore his model ; and patriotic feeling and the compensation offered are not sufficient to induce him to comply with the wishes of the office. An appeal, however, to the mechanic and manufacturer to exhibit in the National Gallery such specimens as they may think useful, is cheerfully responded to ; and a restoration of the most important models will thus be effected almost gratuitously, and the liberal appropriation made for this object be chiefly saved to the Treasury.

In my last report, the necessity of an appropriation for the library, and to defray the expenses incurred by order of Congress on publishing a digest of the patents issued by the United States, was mentioned. The bill for these objects passed one branch of the National Legislature, but was not reached in the regular order of business in the other. It is presumed that the present session will furnish the means so necessary to the successful discharge of the duties devolving on the Commissioner.

The small appropriation made in 1839, for statistics and other agricultural purposes, has limited the expenses of the Commissioner to the sum granted. Upwards of 30,000 packages of seeds have been distributed during the last year ; and, from the gratification expressed by those who have received them, the most favorable anticipations are indulged that the effort thus made has met the cordial and thankful acknowledgments of the agricultural community. When the seeds collected in the remote parts of the globe, together with those more easily procured, shall arrive, and be distributed, still further gratification and benefit may be expected.

In his last report, the Commissioner of Patents mentioned that the minute inquiries propounded by the honorable Secretary of State, in the taking of the census, would render much expenditure unnecessary on the part of this office to procure the data of accurate calculations for agricultural statistics. These statistics are in a state of forwardness, but cannot be completed within the time prescribed for the annual report from the Patent Office. I shall, therefore, beg leave to transmit the statistics as soon as the same can be got ready. In the mean time, I cannot omit to notice the surprising amount of agricultural products in the United States ; nor the importance of an annual report of the state of the crops in different sections, as a preventive against monopoly, and a good criterion to calculate the state of exchange.

The occupation of the new Patent Office has necessarily increased the contingent expenses the present year ; and the ordinary protection of a watch for the building, and assistance in the care of the additional rooms, must somewhat increase the disbursements of this bureau. I am happy, however, to say that the earnings of the office will be fully adequate to meet not only present expenses, but all others contemplated in the reorganization of the Patent Office. And, while the cost of the new building has exceeded so much the estimate of the Commissioner, in consequence of a change of the material and the manner of erecting it, it may be gratifying to know that, during the last five years, the receipts of the Patent

Office, after paying all ordinary expenses, is upwards of \$75,000 ; which has been credited to the patent fund, and stands appropriated expressly for the promotion of the arts and sciences in the United States.

I have the honor to be, with the highest respect, your obedient servant,  
HENRY L. ELLSWORTH.

Hon. R. M. JOHNSON,  
*President of the Senate.*

*Classified list of letters patent granted during the year 1840, with the names of patentees, place of residence, and date of patent.*

CLASS I.—AGRICULTURE, INCLUDING INSTRUMENTS AND OPERATIONS.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Bee-hive	Robert Martin	Fairfield, Ohio	May 19.
Bee-hive	Martin Engel	Easton, Pennsylvania	April 15.
Butter, working and pressing	Titus D. Gail	-	October 10.
Churn	Allen & William A. Crowell	Salisbury, Conn.	June 20.
Churn	Constant Webb	Wallingford, Conn.	November 26.
Corn shellers	Porter A. Gladwin	Chester, Conn.	April 24.
Cultivators	Noah Barnes	Easthampton, N. Y.	September 10.
Grubs and brushes, extracting from land	Young William Short	Oglethorpe county, Ga.	January 28.
Hoes, garden	Charles S. Homer	Boston, Massachusetts	May 8.
Hulling, husking, and shelling corn	Samuel S. Allen	Miamisburg, Ohio	January 15.
Hulling machines	James McGregor	Saratoga, New York	May 12.
Hulling oats, barley, &c.	J. Andrews & E. Piper	Camden, Maine	December 10.
Hulling rice, &c.	Warner Groat	Troy, New York	August 28.
Hulling rice, machinery for	Daniel Tomlinson	Brookfield, Conn.	May 12.
Hulling rice, machinery for	William C. Grimes	York, Pennsylvania	October 8.
Mowing machine	Seth Lamb	New York	June 20.
Mowing, cutting grass under water	Jacob Hinds	Hindsburg, N. Y.	September 5.
Plough	William Bryant	Davidson co., Tenn.	March 31.
Plough, combined	Jonathan Knolle	Bakersville, Md.	April 8.

Plough, hillside	-	Daniel Gochhouri, jr.	Conemaugh, Penn.	June 12.
Plough, shares and cutters of, constructing and fastening	-	Mahlon Smith	Tinicum, Penn.	January 28.
Seeding, planting corn, &c.	-	Samuel W. Cole	Chelsea, Mass.	August 25.
Seeding, planting machines	-	Martin Nichols	Clearfield, Penn.	October 16.
Seeding, seed-planters	-	{ Lorenzo Bachelder	Hampstead, N. H.	} April 30.
Seeding, seed-planters	-	{ Sam'l L. Bachelder	Haverhill, Mass.	
Seeding, seed-planters	-	Thomas J. Lewis &	Boston, Mass.	June 27.
Seeding, seed-planters	-	George F. Lewis	Boston, Mass.	June 27.
Seeding, seed-planters	-	Thomas J. Lewis &	Boston, Mass.	August 25.
Seeding, seed-planting machine	-	George F. Lewis	Adrian, Michigan	May 25.
Seeding, sowing cotton-seed	-	Joseph Gibbons	Baltimore, Md.	
Smut machine	-	George Page		
Smut machine	-	Levin Miner & Nicholas Felts	Yancyville, N. C.	July 18.
Smut machine	-	Jacob Russell	Jenner, Penn.	April 24.
Smut machine	-	Hiram Smith	New York	July 31.
Smut machine	-	Amos Adams	Port Henry, N. Y.	August 3.
Smut machine, cleaning grain	-	John Burch	Millport, N. Y.	August 22.
Smut machine, cleaning grain, &c., by machinery	-	Samuel Spangler	Stony Creek, Penn.	May 19.
Straw-cutters	-	Edward Bradfield	Rochester, N. Y.	September 19.
Straw-cutting, feeding and pressing the straw	-	Joseph Worley	Hawkins co., Tenn.	June 20.
Thrashing machine	-	Israel W. Graff	Lampeter, Penn.	April 30.
Thrashing machine	-	David Stafford	Syracuse, N. Y.	May 19.
Thrashing machine, conducting the straw and grain from the thrasher	-	James Cummings	Canonsburg, Penn.	December 10.
Thrashing machine, removing straw and separating the grain in	-	Luther Whitman	Winthrop, Maine	August 25.
Thrashing machine, shaking the screen in	-	John Criswell	Cecil, Penn.	November 26.
Trees, protecting from the canker-worm	-	Jesse Lincoln	Uniontown, Penn.	May 8.
	-	Daniel Newhall	Lynn, Mass.	October 31.

## A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Winnowing machine	-	-	-
Winnowing, separating garlic from grain	-	-	Clinton county, Ohio -
Winnowing, separating garlic from wheat	-	-	May 8. September 3. October 31.

## CLASS II.—METALLURGY, AND MANUFACTURES OF METALS AND INSTRUMENTS THEREFOR.

Bands, key for tobacco casks	-	-	James M. Talbott -	Richmond, Virginia -	September 14.
Brads, cutting	-	-	Henry Waterman -	New York -	January 10.
Buckles and clasps	-	-	William Church -	Birmingham, England -	February 18.
Catches, oblique, &c., forming on plates, &c., of cast-iron	-	-	Jordon L. Mott -	New York -	-
Clasps of carpet bags	-	-	James Sellers & A. L. Pennrock -	Philadelphia, Penn. -	December 1.
Dies, for making iron door-knobs, and of plate-metal	-	-	Lucien E. Hicks -	Middletown, Conn. -	May 25.
Forges and furnaces, apparatus for blowing	-	-	James A. Stewart -	Springfield, Tenn. -	June 27.
Furnaces, puddling, for manufacturing iron with anthracite coal	-	-	Thomas Cooper -	New York -	August 25.
Furnaces, smelting, heating the blast of Knobs, glass, for doors, &c.	-	-	William H. Phillips -	Brooklyn, N. Y. -	August 28.
Latch, door	-	-	Francis Draper -	East Cambridge, Mass. -	September 10.
Latch, door	-	-	Benj. W. Bosworth -	Warren, R. I. -	March 6.
Latch, door	-	-	Oliver Judd -	Cherry Valley, N. Y. -	December 10.

Latch, knob, for doors, &c.	-	Lewis & Willis Hotchkiss	Derby, Conn.	March 6.
Latch, thumb	-	Philos, Eli W., & John A. Blake	New Haven, Conn.	July 21.
Locks, alarm, for doors, &c.	-	David Edwards	McConnellsville, O.	August 12.
Locks for doors	-	Peter Rogers	Philadelphia, Penn.	September 25.
Lock, door and other	-	August Prutzmann	Philadelphia, Penn.	September 5.
Lock and key	-	Wm. Morret Williams	England	December 1.
Nails, brads, &c., cutting	-	George W. Strong and Jonathan Dodge, assignees of Walter Hunt	New York	November 13.
Nails, wrought	-	Theophilus Somerby	Wells, Me.	January 22.
Nails and spikes, wrought	-	John McCrone	Ellicott's Mills, Md.	February 21.
Padlocks for mail-bags, &c.	-	Solomon Andrews	Perth Amboy, N. J.	December 5.
Pipes, machinery for making continuously from lead	-	Geo. Escol Sellers	Upper Darby, Penn.	December 17.
Puddle-balls, &c., rolling, in the manufacture of iron	-	Henry Burden	Troy, N. Y.	December 10.
Punching sheet-iron for stove pipes	-	Samuel Davis	Mifflin, Penn.	February 21.
Rivets, machinery for making	-	Oliver Edes & Andrew Holmes	Braintree, Mass.	April 24.
Rivets, making	-	Alpheus Forbes & Fitch W. Taylor, assignees of Charles Lyon & Alpheus Forbes	New York	September 2.
Saws, circular, cutting the teeth of	-	Eleazer Carver	Bridgewater, Mass.	August 12.
Saws, filing and smoothing the teeth of	-	Eleazer Carver	Bridgewater, Mass.	August 12.
Spikes, heading	-	William Thomas	Hingham, Mass.	March 14.
Spikes, hook or brad-headed	-	Henry Burden	Troy, N. Y.	Sept'r 2; antedated March 2.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Spring-bolt for door and other locks	George W. & Ezra B. Robinson	Boston, Mass.	June 10.
Spring, door	William W. Smith & Benj. Mulliken, jr.	New York	November 13.
Spring, door, for closing doors, gates, &c.	Gardner Barton, jr.	Shaftsbury, Vt.	July 1.
Stove-pipe, mouldings, &c., making	John Farrar	Cuyahoga, O.	September 2.
Wrench, screw	Hawley D. Clapp, as-signee of Henry W. Hewet	New York	June 27.
	Stephen Kane & Thos. and James Keane	New York	August 12.

CLASS III.—MANUFACTURES OF FIBROUS AND TEXTILE SUBSTANCES, INCLUDING MACHINES FOR PREPARING FIBRES OF WOOL, COTTON, SILK, FUR, PAPER, ETC.

Braiding machine	Dudley D. Sacket	Westfield, Mass.	January 22.
Braiding manilla and other fibrous substances	Daniel, Jesse, & Elisha Fitzgerald	New York	April 24.
Cloth, &c., machine for reducing worn out Cloth, stretching, in the process of fulling	Reuben Daniels	Woodstock, Vt.	October 10.
Cloth, taking wrinkles out of while fulling	Baxter D. Whitney & George W. Lawton	Winchendon, Mass.	March 25.
Cloth of various kinds, manufacturing	John Tillou	New Haven, Conn.	December 14.
	Reuben Daniels	Woodstock, Vt.	October 8.

Cocooneries, removing the filth from hurdles  
Cordage, clothes' line, stretching and preserving -  
Cotton-waste, or rags, &c., dressing -  
Felt-cloths, without spinning and weaving, ma-  
chinery for -

Benjamin Benson	Smyrna, Del.	-	-	-	January 10.
E. Allyn & C. B. Hildreth	Boston, Mass.	-	-	-	November 26.
Emery Smith	North Sudbury, Mass.	-	-	-	September 10.
Thomas Robinson Williams	Citizen U. S., now in London	-	-	-	December 14.
	New Hope, Penn.	-	-	-	March 31.
	Philadelphia, Penn.	-	-	-	April 11.
	Demopolis, Ala.	-	-	-	July 3.
	Bridgewater, Mass.	-	-	-	April 8.
	Cleveland, O.	-	-	-	August 25.
	Baltimore, Md.	-	-	-	June 17.
	New York	-	-	-	September 10.
	England	-	-	-	October 14.
	Barrie, Mass.	-	-	-	March 3.
	Roxbury, Mass.	-	-	-	April 30.
	Boston, Mass.	-	-	-	August 28.
	Springfield, Mass.	-	-	-	October 22.
John Thorpe & Wm. G. Angel	Providence, R. I.	-	-	-	February 26.
Charles Strong	Hartford, Vt.	-	-	-	April 24; anteda- ted January 21.
Erastus B. Bigelow	Lancaster, Mass.	-	-	-	April 24.
James Baldwin	Nashua, N. H.	-	-	-	January 31.
George Draper	Palmer, Mass.	-	-	-	October 28.
Edward L. Perkins	Boston, Mass.	-	-	-	July 10.
William Dickinson	Worcester, Mass.	-	-	-	September 3.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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Inventions or discoveries.	Patentees.	Residence.	When issued.
Paper, making, ruling, and cutting at one operation	John Ames	Springfield, Mass.	July 31.
Paper, sizing; (patent Dec. 1, 1837, cancelled)	John Ames	Springfield, Mass.	October 22.
Rags, boiling and washing	George Stafford	Windham, Ct.	September 2.
Silk, machine for skeining	George Heritage	Chestertown, Md.	November 26.
Silk, reeling from the cocoons, machine for	George Heritage	Chestertown, Md.	December 19.
Spinning, filer for twisting silk, &c.	Edward L. Young	Norfolk, Va.	October 8.
Spinning, self-acting mule for	Daniel Lapham, adm'r of Benj. Lapham, dec'd	Adams, Mass.	September 25.
Spinning, self-acting mule for	William Mason	Taunton, Mass.	October 8.
Spinning, self-acting mule for	George Heritage	Chestertown, Md.	December 19.
Spinning silk, &c., from the cocoons, machinery	Thomas R. Williams	Newport, R. I., now in London	April 24.
for	-	-	-
Stuffs, &c., machinery for the manufacture of	-	-	-
Wool, cleaning from burs, &c., and ginning	Milton D. Whipple	East Douglass, Mass.	October 28.
cotton	George C. Kellogg &	-	-
Wool, cotton, &c., picking and opening	Phineas Gillett	New Hartford, Ct.	April 30; antedat- ed Oct. 30, 1839.
Yarn, washing and cleaning	Sands Olcott	Philadelphia, Pa.	April 11.

Alkali, extracting from ashes in the manufacture of potass	Jacob Osborn	Elyra, Ohio	July 18.
Cement for covering buildings, &c.	Jacob Bump	Kirtland, Ohio	September 3.
Composition for rendering leather water-proof	Charles F. Miller	Baltimore, Md.	August 28.
Distilling, cooling the mash used in the process of Dying yarn from the beam; (patent Sept. 25, 1838, cancelled)	Allen D. Ward	Minerva, Ky.	November 7.
Gas, purifying for illumination	William Spencer	Massachusetts	May 28.
Lead, white, manufacture of	Daniel Garnet	Richfield, N. Y.	June 27.
Lead, white, manufacture of	Smith Gardner	New York	August 28.
Lead, white, preparing	Horace Cory	England	October 8.
Oil, lamp, ascertaining the quantity of	James N. Trovillo	Christiansburg, Va.	March 31.
Paint, galvanic, protecting iron from rust	John W. Harris	Dorchester, Mass.	September 3.
Paints or pigments, improvement in	Lewis Knapp	New York	July 1.
	Francis G. Spilsbury, Fanny Corbam, and Alexander S. Byrne	England	
Salt kettles, constructing and setting	Chs. C. P. Crosby	Brooklyn, N. Y.	July 10; antedated Oct. 7, 1839.
Soap frames	Joseph Bolton Doe	London, Eng.	January 11.
Solutions, decoction, evaporating, &c.	James W. W. Gordon	Baltimore, Md.	Mar. 31; antedated June 14, 1838.
Tallow, preparing, for manufacture of candles	John Kirkman	New York	October 8.
			Oct. 31; antedated July 2.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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CLASS V.—CALORIFIC, COMPRISING LAMPS, FIRE-PLACES, STOVES, GRATES, FURNACES FOR HEATING BUILDINGS, COOKING APPARATUS, PREPARATION OF FUEL, ETC.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boilers for heating water, &c.	Daniel L. Pickard	Hartland, N. Y.	October 14.
Caboosees, ships', and other working stoves	Loftis Wood	New York	November 26.
Caldron and furnace combined	Gordon S. Mott	New York	December 1.
Candlestick, improvement in	William Church	Citizen U. S. now in England	
Chimneys, draught of	George H. Crosby	New Haven, Ohio	March 28.
Coffee-roaster	Abel Stillman	Poland, N. Y.	January 28.
Cooking, apparatus for	Joshua Grime	Beekmantown, N. Y.	December 28.
Cooking ranges	Herbert H. Stimpson	Boston, Mass.	December 28.
Cooking steam-boilers and evaporators	{ Dudley Marvin and Oran W. Seely	New York city	March 14.
Cooking-stoves	William Jeanes	Sodus, N. Y.	{ August 28. May 25.
Cooking-stoves	William Gallup	Philadelphia, Pa.	June 10.
Cooking-stoves	Samuel W. Cole	Norwalk, Ohio	August 25.
Cooking-stoves	James Still	Chelsea, Mass.	September 19.
Cooking-stoves	Samuel L. Chase	Zanesville, Ohio	September 25.
Cooking-stoves	R. G. Cochran	Woodstock, Vt.	October 10.
Cooking-stoves	James Parmale	Francistown, N. H.	October 14.
Cooking-stoves, (patent Feby 3, 1836, cancelled)	Daniel Williams	Ogden, N. Y.	November 21.
Cooking-stoves	David H. Hilliard	Troy, N. Y.	November 26.
Cooking-stoves	Jordan L. Mott	Cornish, N. H.	
		New York	December 17.

Cooking-stoves	-	Philadelphia, Penn.	-	December 19.
Cooking-stoves	-	Rochester, N. Y.	-	December 28.
Cooking-stoves, burning bituminous coal, &c.	-	William B. Lawrence	-	October 14.
Cooking-stoves, draught, &c., in	-	Horace Strickland	-	June 27.
Cooking-stoves with double fire-places	-	Reuben Jackson	-	March 19.
Cooking-stoves having elevated ovens	-	Lester Tilden	-	July 18.
Cooking-stoves, elevated ovens of	-	John W. Williston &	-	August 25.
Cooking-stoves, Franklin, &c.	-	Willard A. Arnold	-	May 12.
Cooking-stoves, Franklin	-	Joel Houghton	-	August 25.
Cooking-stoves, flames, arranging and governing the draught in	-	Reuben B. Houghton	-	
Cooking-stoves, railway, (patent July 9, 1838, cancelled)	-	Charles Guild	-	June 20.
Cooking-stove, railway, premium, (patent February 16, 1829, cancelled)	-	Isaac Bucklin	-	August 27.
Cooking-stove, steam-apparatus for	-	Peregrine Williamson	-	September 30.
Drums for heating apartments	-	Peter Getz	-	January 11.
Fire-places, to prevent their smoking	-	William Frazier	-	April 30.
Furnace, bakers'	-	Homer Roberts	-	April 30.
Furnace, portable, for heating in bathing-tubs	-	Gardner Chilson	-	June 10.
Heat, transmitting, by the circulation of hot water, (apparatus patented August, 1838)	-	Randolph Densmore	-	November 26.
Heating buildings, apparatus, &c.	-	Anger M. Perkins	-	
Kitchen ranges	-	George M. Dexter	-	Citizen U. S., now in London, England
Lamp, argand oil-burner, adapted to burn spirits of turpentine	-	Ebenezer Barrows	-	Boston, Mass.
Lamp, camphine	-	Charles Carr	-	Rochester, Mass.
Ovens, portable, combined with stoves	-	Michael B. Dyott	-	Philadelphia, Penn.
Stoves	-	Edward Gosselin	-	Philadelphia, Penn.
	-	John Scott	-	New York
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
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	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
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	-		-	New York
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	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
	-		-	New York
	-		-	Philadelphia, Penn.
	-		-	London, England
	-		-	Boston, Mass.
	-		-	Rochester, Mass.
	-		-	Philadelphia, Penn.
	-		-	Philadelphia, Penn.
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## A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Stoves	Charles R. Wheeler	Boston, Mass.	July 18.
Stoves, fire-chambers of, mode of constructing	Benjamin F. & Job S. Gold	New York	July 15.
Stove, heating the air of apartments	George C. Howe	New York	July 10.
Stoves and kettles for making varnish, &c.	Harmon Hubbard	Attica, N. Y.	June 17.
Warming buildings, by converting hollow walls into flues	John A. Stewart	Philadelphia, Penn.	June 17.

## CLASS VI.—STEAM AND GAS-ENGINES, INCLUDING BOILERS AND FURNACES THEREFOR, AND PARTS THEREOF.

Boilers, steam	-	-	Jacob B. Eversole	St. Louis, Mo.	-	March 31.
Boilers, steam, connecting of, and supplying water to the same	-	-	Cadwallader Evans	Pittsburg, Penn.	-	September 3.
Boilers, steam, of locomotive-engines	-	-	John Penniman	Baltimore, Md.	-	April 24.
Boilers, steam, supplying with water	-	-	Benjamin M. Hyatt	Wilmingtn, Del.	-	October 10.
Explosion in steam-boilers, preventing	-	-	James Reid	Pawtucket, R. I.	-	May 19.
Heat of blast-furnaces to steam-boilers, applying the waste	-	-	Martin Bell	Antis, Penn.	-	June 10.
Spark-catcher	-	-	Leonard Phleger	Philadelphia, Penn.	-	September 10.
Spark-catcher	-	-	Randal Fish	New York	-	October 14.
Spark-catcher	-	-	David Ritter	New Haven, Conn.	-	November 26.
Spark-catcher	-	-	William P. McConnell	Washington, D. C.	-	December 10.
Spark-catcher, (patented 10th September, 1840)	-	-	Leonard Phleger	Philadelphia, Penn.	-	December 28.

Spark-catcher	-	David Matthew	-	Courtland, N. Y.	-	December 31.
Steam-engine, (patent April 14, 1838, cancelled)	-	William A. Lighthall	-	Albany, N. Y.	-	July 18.
Steam-engine, arranging the cylinders in double-cylinder engines, for preventing a "dead-point" in the crank	-	Caleb L. Ferris	-	Courtland, N. Y.	-	July 1.
Steam-engine, condensing apparatus of	-	Daniel Treadwell	-	Cambridge, Mass.	-	March 31.
Steam-engine, locomotive	-	Asa Whitney	-	Rotterdam, N. Y.	-	June 27.
Steam-engine, locomotive	-	Matthias W. Baldwin	-	Philadelphia, Penn.	-	December 31.
Steam-engine, locomotive, for consuming sparks	-	Francis B. Longmire & H. Jones Brooke	-	Philadelphia, Penn.	-	July 10.
Steam-engine, locomotive, and railroad-carriages	-	Alfred C. Jones	-	Philadelphia, Penn.	-	October 10.
Steam-engine, locomotive, regulating waste-steam	-	Ross Winans	-	Baltimore, Md.	-	November 26.
Steam-engine, packing for pistons, &c.	-	Charles F. Pike	-	Providence, R. I.	-	August 12.
Steam-engine, pistons of steam-cylinders, constructing, &c.	-	Matthias W. Baldwin	-	Philadelphia, Penn.	-	December 17.
Steam-engine, rotary	-	Jacob C. Robie	-	Binghamton, N. Y.	-	November 26.
Steam-engine, rotary, Drummond's	-	James Moore	-	Elizabethtown, N. J.	-	June 10.
Steam-engine, rotary packing	-	John D. Akin	-	Columbus, Penn.	-	March 19.
Steam-power, applying to locomotives, &c.	-	John Ericsson	-	Kingdom of Sweden	-	November 5.
Valves, cut off for steam-engines	-	William A. Lighthall	-	Albany, N. Y.	-	November 26.

CLASS VII.—NAVIGATION AND MARITIME IMPLEMENTS, COMPRISING ALL VESSELS FOR CONVEYANCE ON WATER, THEIR CONSTRUCTION, RIGGING, AND PROPULSION, DIVING-DRESSES, LIFE-PRESERVERS, &c.

Constructing canal-boats in sections, &c.	-	Robert Frazer	-	Waynesborough, Penn.	-	September 10.
Constructing vessels, ships and boats	-	George F. Bigelow	-	Norfolk, Virginia	-	February 18.
Constructing vessels, and propelling	-	George Burnham	-	Philadelphia, Penn.	-	December 10.
Life-preserved	-	Ralph Bulkley	-	New York	-	May 8.
Life-preserved	-	Henry B. Bourne	-	New York	-	May 8.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Life-preserver	Rufus Porter	Billerica, Mass.	May 25.
Life-preserver. <i>See class 3, hats, buoyant.</i>	Hugh Ronalds	Albion, Illinois	December 14.
Propelling boats, &c., apparatus for, &c.	Mellen Battell	Albany, N. Y.	October 14.
Propelling boats upon canals, &c., by steam	Francis W. Stevens	Chigwell, England	September 5.
Propelling paddle-wheels float, for boats			
Propelling paddle-wheels for steam and other			
boats	Matthew W. King	New York	January 15.
Vessels, stranded, hauling off	Thomas Bell	Bellport, N. Y.	October 22.

CLASS VIII.—MATHEMATICAL, PHILOSOPHICAL, AND OPTICAL INSTRUMENTS, INCLUDING CLOCKS, CHRONOMETERS, &c.

Alarm to clocks and other time-pieces	Benjamin Knight	Statesville, R. Island	September 10.
Alarm, fire	Rufus Porter	Billerica, Mass.	December 28.
Alarm-lock. <i>See class 2, locks.</i>			
Alarm, to protect houses from thieves	Lester E. Denison	Saybrook, Conn.	October 22.
Compass, surveying	William C. Poole	Lancaster, Penn.	July 31.
Electro-magnetic machine, &c.	Truman Cook	New York	August 25.
Lottery-schemes	Joseph Vannini	New York	July 18.
Maps, charts, &c., instruments for delineating	Amity Bailey	Newberry, S. C.	September 4.
Telegraph, electro-magnetic. <i>See class 9.</i>	Cs. Edward Jacob Des Combes	Baltimore, Md.	April 30.
Watches, duple <sup>n</sup> escapement in			

CLASS IX.—CIVIL ENGINEERING AND ARCHITECTURE, COMPRISING WORKS ON RAIL AND COMMON ROADS, BRIDGES, CANALS, WHARVES, DOCKS, RIVERS, WIERS, DAMS, AND OTHER INTERNAL IMPROVEMENTS, BUILDINGS, ROOFS, ETC.

Blinds, venitian, raising and lowering	-	John Weir	-	New York	-	October 8.
Blinds, window, opening and closing	-	George Butterfield	-	Hopkinton, N. H.	-	September 4.
Boring rocks, &c.	-	Simeon Pettes	-	Schenectady, N. Y.	-	July 3.
Bridge, floating swing	-	John N. Vrooman	-	Danube, N. Y.	-	April 15.
Bridge, truss frames for	-	William Howe	-	Warren, Mass.	-	July 10.
Bridge, truss frames of, &c.	-	William Howe	-	Warren, Mass.	-	August 3.
Canal-locks, sluice-gates for	-	George W. Hildreth	-	New York	-	March 19.
Dock, dry	-	Charles F. Johnson	-	Tioga, N. Y.	-	March 6.
Dock, dry	-	John S. Gilbert	-	New York	-	May 12.
Dock, floating dry	-	Joseph T. Martin	-	New York	-	March 19.
Dock, floating dry	-	John S. Gilbert	-	New York	-	March 25.
Dock, floating dry, patented to James Peek <i>et al.</i> , 26th March, 1834	-	William Thomas	-	St. Louis, Missouri	-	May 19.
Dock, floating dry	-	John S. Gilbert	-	New York	-	September 19.
Dock, hanging	-	William D. Benson & E. G. Reed, assignees of George W. Wilson	-	New Hampshire	-	July 10.
Dredging machine	-	Oliver Allen	-	Norwich, Conn.	-	May 8.
Dredging machine	-	William Easby	-	Washington, D. C.	-	August 25.
Earth, removing	-	Jarvis Ring	-	Ogden, N. Y.	-	July 1.
Excavating ditches, canals, &c.	-	Joseph Hanchett	-	Coldwater, Michigan	-	February 28.
Macadamizing roads, &c., breaking stone for	-	{ Nicholas Cooper, jr., & T. W. McConnel, & Wm. E. Sukens -	{ Ohio	{ Short Creek,	{ Coatesville, Penn.	{ June 27.
Railroad, chairs for	-	William Driggs	-	Baltimore, Md.	-	April 8.
Railroad, construction of	-	James Herron	-	New York	-	April 18.
Railroad, construction of	-	William Russell	-	New York	-	May 8.

## A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residenee.	When issued.
Railroad, construction of power applying to propel carriages - - - - -	John Rangely -	Camberwell, Eng. -	Dec. 28, 1840 ; antedated Mar. 3, 1840.
Railroad, pneumatic, valves for - - - - -	Samuel Clegg & Jacob Samuda -	England -	December 31.
Railroad, rail or plates for ; patented Aug. 23, 1831 ; reissued Sept. 26, 1835 - - - - -	James Stimpson -	Baltimore, Md. -	August 27.
Railroad switches, shifting - - - - -	Nathaniel Eaton -	Worcester, Mass. -	September 3.
Railroad switches, shifting - - - - -	Richard W. Sheckells -	Baltimore, Md. -	October 22.
Railroad switches, shifting - - - - -	Jesse La Rue -	Bristol, Pa. -	November 10.
Railroad tracks - - - - -	Benjamin H. Latrobe -	Baltimore, Md. -	October 8.
Railroad tracks, for cars to short curves - - - - -	Henry M. Naglee -	Philadelphia, Pa. -	August 22.
Railroad tracks, cleaning - - - - -	Wm. & Jas. Thorn, Jr. -	Plainfield, N. J. -	January 29.
Railroad tracks, cleaning snow from - - - - -	{ Joseph H. Moore -	Worcester, Mass. -	{ October 31.
Railroad tracks, cleaning snow from - - - - -	{ Benjamin Woodworth -	Boston, Mass. -	{ Mar. 31 ; antedated Jan. 15, 1840.
Railroad tracks, cleaning snow from - - - - -	Charles Lombaert -	Philadelphia, Pa. -	June 12.
Roofs, metal, supporting - - - - -	Peter Naylor -	New York -	New Orleans, La. -
Roofing houses - - - - -	William Docker -	New York -	New York -
Signals by electro-magnetism - - - - -	Samuel F. B. Morse -	New York -	Columbus, Pa. -
Snags, sawing or cutting - - - - -	James Hamilton -	New York -	Tompkins co., N. Y. -
Stumps, extracting - - - - -	John D. Akin -	-	March 31.
Stumps, extracting, &c. - - - - -	Miles C. Mix -	-	February 26.
Stumps, extracting - - - - -	Frederick A. Stewart -	-	April 30.
			Catharine, N. Y. -

Stumps, extracting	-	-	Lewis & Chas. Howard	Reading, N. Y.	September 14.
Stumps, extracting	-	-	Eleazer Marble	Wyalnsing, Pa.	December 14.
Surveying, hydrographic, art of	-	-	H. Ariei Norris	New York	June 27.
Telegraph, electro-magnetic	-	-	Chas. Wheatstone &	-	
Weather strip	-	-	Wm. F. Cooke	Great Britain	June 10; antedated June 12, 1837.
Wells, sinking, apparatus for	-	-	Alexander Kirkpatrick	New Arkansas, N. J.	Dec. 14; antedated Nov. 20.
		-	Ebenezer Rice	New York	November 26.

CLASS X.—LAND CONVEYANCE, COMPRISING CARRIAGES, CARS, AND OTHER VEHICLES USED ON ROADS, AND PARTS THEREOF.

Axles and boxes for carriage wheels	-	-	Asa R. Reynolds	Skaneateles, N. Y.	December 5.
Axles and shafts, oiling horizontal	-	-	Hiram M. Smith	Richmond, Va.	April 15.
Brakes, friction, for railroad cars, machinery for operating	-	-	John L. Clarke	Nashua, N. H.	April 11.
Brake, railroad car, preventing accidents, &c.	-	-	Matthew W. King	New York	May 8.
Brake, railroad carriages	-	-	Petrus J. O. Conway	Philadelphia, Pa.	September 10.
Carriages, or car, railroad, &c.	-	-	Isaac Newton Stanley	Philadelphia, Pa.	March 12.
Carriages, railroad, connecting and disconnecting	-	-	James Stimpson	Baltimore, Md.	December 10.
Carriages, railroad, &c., coupling irons for	-	-	Thomas G. Owen	Baltimore, Md.	July 1.
Carriages, two-wheeled	-	-	John Page	New York	Sept. 14; antedated Aug. 12.
Carriages, whipple-tree for	-	-	Benj. Fowler, jr., assignee of James Jorey	Hartford, Ct.	June 17.
Carriages, railroad. <i>See Steam-engine, class 6.</i>	-	-	Nathaniel J. Wyeth	Cambridge, Mass.	December 1.
Sleds for transporting ice in blocks	-	-	Araunah Spear	Braintree, Vt.	May 25.
Sleigh metallic runner, (patent Nov. 3, 1838, cancelled)	-	-			

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries,	Patentees,	Residence,	When issued.
Wheels, car, cast iron	-	-	-
Wheels, car, constructing	-	-	-
Wheel hubs, carriage, greasing, &c.	-	-	-
Wheel hubs, carriage, securing the boxes to their axles	-	-	-
	Wm. W. Bergstresser Albert Fuller Nathaniel C. Day	Harrisburg, Pa. Providence, R. I. Lunenburg, Mass.	January 11. October 14. July 10.
	Lyman Smith, Jr., & Griffin R. Waing	Derby, Ct.	June 17.

CLASS XI.—HYDRAULICS AND PNEUMATICS, INCLUDING WATER-WHEELS, WIND-MILLS, AND OTHER IMPLEMENTS OPERATED ON BY AIR OR WATER, OR EMPLOYED IN RAISING AND DELIVERY OF FLUIDS.

Cock, stop	-	James Robertson	New York	May 8.
Faucet, molasses gate	-	Ammi West	Greene, Me.	August 28.
Hose, fire, stopping accidental breaches in	-	Ralph Bulkley	New York	May 8.
Hydrants and fire-plugs	-	S. H. Davies	Cincinnati, Ohio	July 18.
Pumps	-	Lebbeus Caswell	Harrison, Me.	May 19.
Pumps	-	Joseph Evans	Lebanon, Ohio	May 25.
Raising water, apparatus for producing a vacuum	-	Eugene Ablon, assignee of Pierre Ravard	Paris, France	December 17.
Sparger, self-acting, &c.	-	H. Jones Brooke & Francis B. Longmire	Philadelphia, Pa.	May 8;
Water-power, supplying to buildings, extinguishing fires	-	Lonson Bush, administrator of Isaac Lowell, deceased, of	Erie county, { N. Y. - Pendleton, }	October 16,

Water-wheel	-	Edward Robbins, Jr. &	Bordentown, N. J.	March 25.
Water-wheel	-	William Ashby	Coldwater, Mich.	July 15.
Water-wheel, chain-bucket	-	Joseph Hanchett	Aston, Penn.	February 26.
Water-wheel, reaction and percussion, (patented by Zebulon & Austin Parker, October 19, 1829)	-	John Dutton, Jr.		
	-	Zebulon Parker, (& Robert McKelvay,) administrator of Austin Parker, deceased	Ohio	June 27.
Water-wheel, tide or current	-	F. H. Southworth	St. Louis, Mo.	January 23.
Water-wheel, tub	-	Abijah Woodward	Athol, Mass.	May 8.
Wind-mills, &c.	-	Isaac Garver & Samuel Farnsey	Boonsborough, Md.	December 28.

## LASS XII.—LEVER, SCREW, AND OTHER MECHANICAL POWER, AS APPLIED TO PRESSING, WEIGHING, RAISING, AND MOVING WEIGHTS.

Balance, platform	-	Chauncey Crain and Evert L. Wemple	Madison, N. Y.	April 8.
Balance, platform	-	Albert Dole	Bangor, Me.	July 18.
Balance or scale-beam	-	Seth E. Winslow	Philadelphia, Penn.	July 31.
Press, cheese	-	Rufus Porter	Billerica, Mass.	April 15.
Press, cheese	-	J. H. Fletcher	Irasburg, Vt.	June 20.
Press, cotton	-	Fowler M. Ray	Catskill, N. Y.	August 25.
Press, cotton, hay, &c.	-	{ James E. Kelsey and James A. Potter	Poughkeepsie, N. Y. Providence, R. I.	} September 25.
Press, printing. See class 18.	-			
Press, rotary, woollen and cotton goods, (patent July 5, 1837, cancelled)	-	Moses Bayley	Salisbury, Mass.	September 5.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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CLASS XIII.—GRINDING-MILLS AND MILL-GEARING, CONTAINING GRAIN-MILLS, MECHANICAL MOVEMENTS, AND HORSE-POWER, ETC.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Apples, &c., grinding Bark-mill, breaking and grinding	Thomas A. Wells Richard Montgomery & Lewis W. Harris	New York Sangerfield, N. Y.	August 25. August 12.
Coffee-mill, &c., constructing	Lawriston R. Livingston & Calvin Adams	Pittsburgh, Penn.	September 25.
Grain, cleaning, scouring, and conveying, cooling, bolting, &c.	Aaron Bull Edward Gray Ezra R. Benton Harvey W. Pitts Isaac Straub Samuel S. Allen	Caroline, N. Y. Ulysses, N. Y. Ohio city, O. Wilsonville, Ala. Cincinnati, O. Mianisburg, O.	January 16. March 25. March 31. July 1. February 18. January 10.
Grist-mill, constructing, bales and drivers	George Streveige & Isaac Rohrer	Lancaster, Penn.	May 8.
Grist-mill, cylinder	Edward Piper	Camden, Me.	June 10.
Grist-mill, portable	Charles Hibbard	Guilford, N. H.	September 14.
Horse-power	Orestes Badger	Coopersstown, N. Y.	December 14.
Horse-power	Jacob Autabaugh	East Berlin, Penn.	July 18; ante-dated June 18.
Mill, bush, and keeping the same close to the spindle, (additional letters patent February 18, 1840	Elisha W. Welsh	Paris, Va.	January 28.

Mill, bush, self-regulating and self-oiling	-	Samuel Moore	-	Chambersburg, Penn.	-	April 8.
Mill, crushing hard substances	-	James Rowe	-	Athens, Ala.	-	April 24.
Mill-spindles, oiling and protecting from dirt	-	Jesse Hubbard	-	Watertown, Conn.	-	April 8.
Mill, spindle and trundle-head of	-	Elbridge G. Potter	-	Lebanon, O.	-	July 18.
Mill, sugar-grinding	-	Nathan Sargent	-	Cambridgeport, Mass.	-	September 10.
Mill-stones, dressing	-	Robert M. Smith	-	Rutherford co., Tenn.	-	February 8.
Mill, wing-gudgeon for	-	David Phillips	-	Georgetown, Penn.	-	December 28.
Power, applying water, to propel machinery	-	William Baker	-	Utica, N. Y.	-	May 19.

CLASS XIV.—LUMBER, INCLUDING MACHINES AND TOOLS FOR PREPARING AND MANUFACTURING, SUCH AS SAWING, PLANING, MORTISING, SHINGLE AND STAVE, CARPENTERS' AND COOPERS' IMPLEMENTS.

Auger, screw, manufacturing	-	William Field	-	Pawtucket, R. I.	-	April 15.
Blocks of wood, forming, for pavements	-	Redwood Fisher, assignee of Augustus Count de Lisle	-	Paris, France	-	July 10.
Blocks of wood, sawing paving	-	Amaziah Nash	-	Calais, Me.	-	November 13.
Boring and mortising, in chair-seats, &c.	-	William L. Harley	-	Chagrin Falls, O.	-	August 14.
Boxes, turning wooden	-	John Hucks Stevens, assignee of Chauncey E. Warner	-	New York	-	January 18.
Corks, cutting	-	Samuel Sawyer	-	Boston, Mass.	-	June 10.
Corks, cutting	-	Charles R. Macy	-	Hyde Park, N. Y.	-	October 31.
Hewing plough-beams, &c.	-	Draper Ruggles, and others, assignees of Elbridge G. Matthews	-	Worcester, Mass.	-	October 22.
Lathe, chuck for	-	Simon Fairman	-	Waterford, N. Y.	-	July 18.
Lathe, machine for turning	-	John Clark, jr.	-	Mile End, Glasgow, North Britain	-	July 30.

## A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Mortising and tenoning machine Pails and buckets, &c., affixing the ears and bales of	Andrew Bailey John F. Phelps	Jefferson, Ohio Havana, N. Y.	June 20. May 12.
Pit-sawing and slitting machine for sawing logs, &c.	James Hamilton	New York	June 27.
Planing machine; originally patented by him August 28, 1833; and for improvements on which also obtained letters patent, January 9, 1838	James McGregor, jr. John P. McDowell Thomas Kenderdine, jr. Martin Rich Benjamin Cushwa Edwin Moody and Sam- uel Morrill Miles R. Payne John H. Stevens, as- signee of Elisha Fitz- gerald	Savage Factory, Md. Summit, Pa. Horsam, Pa. Ithaca, N. Y. Clear Spring, Md. Andover, N. H. Andersontown, Ind.	July 15. August 12. August 12. August 28. July 15. February 8. October 30.
Sawing and splitting timber	-	-	July 18.
Sawing stuff circular	-	-	November 26.
Saw-mill dogs	-	-	-
Saw-mill, self-adjusting, log-brace	-	-	-
Saw-mill, self-tending	-	-	-
Shingles, cutting	-	-	-
Splints, match, cutting	-	-	-
Staves, cutting	-	-	-
Staves, cutting	-	-	September 2.
Staves, cutting	-	-	September 10.
Staves, cutting	-	-	September 10.

Staves, cutting, &c.	-	Cephas Manning	-	Acton, Mass.	-	September 14.
Staves, cutting, (patent Sept. 14, 1840, cancelled)	-	Cephas Manning	-	Acton, Mass.	-	December 28.
Staves, crossing and chiming	-	Charles F. Beverly	-	Salem, Ohio	-	October 16.
Staves, dressing and jointing	-	Henry Law	-	Wilmington, N. C.	-	July 15.
Tenons, cutting round, &c.	-	Mahlon Gregg	-	Philadelphia, Pa.	-	December 10.
Veneers, cutting	-	William R. Greenleaf and Alonzo Cole	-	Gerry, N. Y.	-	February 18.
Veneers, cutting	-	John Dresser	-	Stockbridge, Mass.	-	September 3.
Veneers, straight or curved, laying on	-	Casper Kittenger	-	Massillon, Ohio	-	March 14.

CLASS XV.—STONE AND CLAY MANUFACTURES, INCLUDING MACHINES FOR POTTERY, GLASSMAKING, BRICKMAKING, DRESSING AND PREPARING STONE, CEMENTS, AND OTHER BUILDING MATERIALS.

Brick machines	-	Julius Willerd	-	Baltimore, Md.	-	January 29.
Brick machines	-	James Hodge	-	Fairplay, S. C.	-	March 6.
Brick machines	-	Samuel Talbot	-	Richmond, Va.	-	April 8.
Brick machines, moulding and pressing	-	Stacy Costill	-	Philadelphia, Pa.	-	September 4.
Flower-pots or vases for plants, &c.	-	Joseph Adams	-	Boston, Mass.	-	September 3.
Kiln, brick	-	Henry Read	-	Kensington, Pa.	-	June 17.
Kiln, lime, regulating the draught of	-	Isaac Richardson	-	Paoli, Pa.	-	February 21.
Stone, sawing-mill for	-	David V. Rannels	-	Washington, Ky.	-	February 8.

CLASS XVI.—LEATHER, INCLUDING TANNING AND DRESSING, MANUFACTURE OF BOOTS, SHOES, SADDLERY, HARNESS, ETC.

Boot forms, bevelling	-	Elijah Holmes	-	Stoughton, Mass.	-	August 12.
Boot, gaiter, gum elastic gores	-	John H. Dupont and Theodore Hyatt	-	New York	-	October 13.

## A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boots and shoes, heels of	{ Samuel Werner Jeremiah Hodgkin William E. Traver	Lowell, Vt. Westfield, Vt. Watervliet, N. Y.	{ July 1. - April 8. - January 10. - July 15. - December 5.
Harness, breast-plate for horses	Abel Post	Henrietta, N. Y.	- April 8.
Harness and carriages, safety	Edwin Eastlack	Greenwich, N. J.	- January 10.
Leather, fair, manufacturing	John L. Turner	Philadelphia, Pa.	-
Leather, whitening	James C. Booth	Philadelphia, Pa.	-
Mail-bags, &c., mouth-piece	James Sellers and Abraham L. Pennock	Philadelphia, Pa.	- June 12.
Mail-bags, paddles for. See class 2.	Samuel Sheldon	Cincinnati, Ohio	- October 10; ante-dated Sept. 30.
Pricking leather, &c.	Samuel Sheldon	Cincinnati, Ohio	- October 10; ante-dated Sept. 21.
Saddles	Orren McCluer	Fredonia, N. Y.	- March 25.
Saddle, elastic spring-seat	Charles E. King	Mount Pleasant, Ohio	- February 21.
Soles of pumps, shoes, &c., channelling and scarfing	Lewis Baker	Fort Plain, N. Y.	- September 2.
Tanning, process of	{ Richard T. Downing & George D. Smith	{ Monroe co., Philadelphia,	{ April 30. - August 25.
Tanning, process of	Abel H. Buzzell	North Bridgewater, Mass.	-
Tanning, process of	Daniel Howell, assignee of Walter Buchanan	New York	- December 17.
Trunks, rendering them water-proof	Peter Getz	Lancaster, Penn.	- November 7.

CLASS XVII.—HOUSEHOLD FURNITURE, MACHINES AND IMPLEMENTS FOR DOMESTIC PURPOSES, INCLUDING WASHING MACHINES, BREAD AND CRACKER MACHINES, FEATHER-DRESSING, ETC.

Bedstead	-	-	John Hart	-	Lebanon, Ken.	-	March 3.
Bedsteads, constructing and cording the same	-	-	Martin Engel	-	Easton, Penn.	-	April 24.
Bedsteads, cutting screws upon the ends of the rails	-	-	Jacob Lindly	-	Cynthiana, Ken.	-	October 10.
Bedsteads, fastening	-	-	William H. Sabin	-	New Milford, Penn.	-	May 12.
Bedsteads, fastening, attaching and stretching sacking	-	-	Mahlon Gregg	-	Philadelphia, Penn.	-	March 25.
Bedsteads, windlass	-	-	Thomas Lamb	-	Washington, D. C.	-	November 13.
Chairs	-	-	Matthew W. King	-	New York	-	August 25.
Chair, rocking	-	-	Samuel H. Beau	-	Philadelphia, Penn.	-	March 31.
Cot, or cross-bedstead-sofa	-	-	Gerard Sickels	-	Middletown, Conn.	-	September 25.
Crackers, making	-	-	Humphrey Winslow	-	Swansey, Mass.	-	December 14.
Cutting vegetables	-	-	George J. Neveil	-	Rising Sun, Penn.	-	October 14.
Dough, breaking or working	-	-	John W. Post	-	Baltimore, Md.	-	March 14.
Feathers, cleaning and drying	-	-	John Hucks Stevens, as-signee of Robt. B. Lewis	-	Hallowell, Me.	-	June 27.
Preserving and holding butchers' meat, &c., apparatus for	-	-	Adam Seltzer	-	Baltimore, Md.	-	September 5.
Refrigerators	-	-	John Scott	-	Philadelphia, Penn.	-	July 10.
Sofa which can be adapted to invalids	-	-	Martin Engel	-	Easton, Penn.	-	May 12.
Washing clothes, machine for	-	-	Sewall Benson	-	Waterville, Me.	-	May 25.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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CLASS XVIII.—ARTS, POLITE, FINE, AND ORNAMENTAL, INCLUDING MUSIC, PAINTING, SCULPTURE, ENGRAVING, BOOKS, PAPER, PRINTING, BINDING, JEWELRY, ETC.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Coloring maps, mode of—additional letters patent September 4, 1840	Lucius Stebbins William Mann	Hartford, Conn. Philadelphia, Penn.	March 12. July 3.
Files for filing papers, screw-nuts applied Likenesses, concave reflector and plate, &c., taking Organ, vocal	Alexander S. Wolcott John W. Campbell Thomas Woodward	New York Attica, Indiana Brooklyn, N. Y.	May 8. November 26. June 10.
Pencil-case, everpointed	Thomas Woodward	Brooklyn, N. Y.	October 14.
Pencil-case, everpointed	David Thomas	Hingham, Mass.	July 3.
Pens, steel writing	Jonas Chickering	Boston, Mass.	October 8.
Piano fortés	Stephen P. Ruggles	Boston, Mass.	November 10.
Printing-press	Samuel Orcutt	Boston, Mass.	August 25.
Printing-press, card	Charles J. Carr & Andrew Drew Smith	Belfer, England	September 10.
Printing-press, locomotive cylinder	William Davison	New York	May 8.
Writing on glass			

CLASS XIX.—FIRE-ARMS AND IMPLEMENTS OF WAR, AND PARTS THEREOF, INCLUDING THE MANUFACTURE OF SHOT AND GUNPOWDER.

Balls or shot, manufacturing Balls, &c., throwing, &c.	Levi Magers Joseph Martin, M. D.	New York Louisville, Ky.	October 8. August 3.
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Fire-arms	-	Silas Day	-	New York	-	October 8.
Guns, pistols, &c.	-	George Stocker & Joseph Bentley	-	Birmingham, England	-	April 8.
Pontoon equipage for military and other operations	-	{ Elisha M. Huntington, administrator of J. F. Lane, deceased -	{ Terre Haute, Ind. -	June 17.	-	
Rifles and other fire-arms	-	James R. Thomas	-	Collingsworth, Ga.	-	May 19.
Rifles, moveable loading-muzzle for	-	Alvan Clark	-	Cambridge, Mass.	-	April 24.
Rocket-staffs, mode of stiffening	-	John W. Cochran	-	New York	-	April 30.

## CLASS XX.—SURGICAL AND MEDICAL INSTRUMENTS, INCLUDING TRUSSES, DENTAL INSTRUMENTS, BATHING APPARATUS, ETC.

Baths, portable	-	J. Wright Warren, Jr.	-	Boston, Mass.	-	July 31.
Bathing apparatus	-	George J. Byrd and Peter Milne	-	New York	-	June 17; antedated Feb. 8.
Clubfoot, apparatus for the treatment of	-	John D. Brown	-	Boston, Mass.	-	April 30.
Teeth, artificial, adjusting the grinding surfaces of	-	James Cameron	-	Philadelphia, Pa.	-	April 30.
Teeth, artificial, mode of attaching	-	Alfred Riggs	-	New York	-	July 3.
Teeth, artificial, manufacture of	-	Daniel Harrington	-	Philadelphia, Pa.	-	June 18.
Teeth and gums, obtaining casts from, &c.	-	Daniel T. Evans	-	Philadelphia, Pa.	-	August 28.
Trusses for hernia	-	Moore R. Fletcher	-	Boston, Mass.	-	Feb. 26; antedated Aug. 26, '39.
Trusses for prolapsus uteri	-	Goodown Bright	-	Bellbrook, Ohio	-	December 17.
Trusses, surgeons'	-	Enoch Thomas	-	New Athens, Ohio	-	March 12.
Trusses, surgeons'	-	W. B. Dodson	-	Louisville, Ky.	-	June 17.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

CLASS XXI.—WEARING APPAREL, ARTICLES FOR THE TOILET, &C., INCLUDING INSTRUMENTS FOR MANUFACTURING.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Buttons, metallic, making, &c. -	Festus Hayden -	Waterbury, Ct.	July 10.
Buttons, mode of fastening -	Stephen Clapp, assignee of Henry W. Hewet -	New York -	December 10.
Combs, cutting the teeth of -	Joseph S. Ives -	Bristol, Ct.	October 8.
Comb-plates, planning and forming ivory, &c. -	Julius Pratt and others, assignees of William M. Fowler -	Connecticut -	October 28.
Garments, measuring and draughting -	Isaiah J. Hendryx -	Troy, N. Y.	April 18.
Garments, measuring and draughting -	Thomas E. Tilden -	Baltimore, Md.	December 5.
Garments, tailors' measuring instruments -	William J. Lemmond -	Lancaster, S. C.	April 18.
Garments, tailors' measure -	Richard Dame -	Hanover, N. H.	May 8.
Wigs, metallic -	François Bourguet -	New York -	May 8.

CLASS XXII.—MISCELLANEOUS.

Fire escapes -	Sylvester Penfield -	Hartford, Ct.	March 3.
Fire escapes -	William P. Withey -	Hartford, Ct.	May 12.
Ice, cutting -	Nathaniel J. Wyeth -	Cambridge, Mass.	December 1.
Ice, machinery for reducing blocks to uniform thickness, &c. -	Nathaniel J. Wyeth -	Cambridge, Mass.	December 1.
Ice, machinery for raising blocks of, &c. -	Nathaniel J. Wyeth -	Cambridge, Mass.	December 1.
Ice, machinery for raising blocks of, &c. -	Nathaniel J. Wyeth -	Cambridge, Mass.	December 10.
Stencil plate, or apparatus for marking boxes -	Edwin Allen -	Windham, Ct.	September 4.

## B.

*Alphabetical list of patentees for the year 1840, with the places of residence.*

Names of patentees.	Residence.
Ablon, Eugene, assignee of Pierre Ravard - - - -	Paris, France.
Adams, Amos - - - -	Port Henry, New York.
Adams, Joseph - - - -	Boston, Massachusetts.
Akin, John D. - - - -	Columbus, Pennsylvania.
Akin, John D. - - - -	Columbus, Pennsylvania.
Allen, Edwin - - - -	Windham, Connecticut.
Allen, Oliver - - - -	Norwich, Connecticut.
Allen, Samuel S. - - - -	Miamisburg, Ohio.
Allen, Samuel S. - - - -	Miamisburg, Ohio.
Allyn, Edwin, & C. B. Hildreth - - - -	Boston, Massachusetts.
Ames, John - - - -	Springfield, Massachusetts.
Ames, John, (reissue) - - - -	Springfield, Massachusetts.
Andrews, James, & Enoch Piper - - - -	Camden, Maine.
Andrews, Solomon - - - -	Perth Amboy, New Jersey.
Aulabaugh, Jacob - - - -	East Berlin, Pennsylvania.
Bachelder, Lorenzo, & Samuel H. Bachelder. - - - -	Hampstead, New Hampshire.
Badger, Orestes - - - -	Haverhill, Massachusetts.
Bailey, Amity - - - -	Cooperstown, New York.
Bailey, Andrew - - - -	Newberry, North Carolina.
Baker, Lewis - - - -	Jefferson, Ohio.
Baker, William - - - -	Fort Plain, New York.
Baldwin, James - - - -	Utica, New York.
Baldwin, Matthias W. - - - -	Nashua, New Hampshire.
Baldwin, Matthias W. - - - -	Philadelphia, Pennsylvania.
Baldwin, Matthias W. - - - -	Philadelphia, Pennsylvania.
Barnes, Noah - - - -	East Hampton, New York.
Barrett, Jonathan F. - - - -	North Granville, New York.
Barrows, Ebenezer - - - -	Rochester, Massachusetts.
Barton, Gardner, jr. - - - -	Shaftsbury, Vermont.
Battel, Mellen - - - -	Albany, New York.
Bayley, Moses, (reissue) - - - -	Salisbury, Massachusetts.
Bean, Samuel H. - - - -	Philadelphia, Pennsylvania.
Beasom, William D., & E. G. Reed, assignees of George W. Wilson - - - -	New Hampshire.
Bell, Martin - - - -	Antis, Pennsylvania.
Bell, Thomas - - - -	Bellport, New York.
Benson, Benjamin - - - -	Smyrna, Delaware.
Benson, Sewall - - - -	Waterville, Maine.
Benton, Ezra R. - - - -	Ohio City, Ohio.
Bergtresser, William W. - - - -	Harrisburg, Pennsylvania.
Beverly, Charles F. - - - -	Salem, Ohio.
Bigelow, Erastus B. - - - -	Lancaster, Massachusetts.
Bigelow, George F. - - - -	Norfolk, Virginia.
Blake, Philo, Eli W., & John A. - - - -	New Haven, Connecticut.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Booth, James C. - - - - -	Philadelphia, Pennsylvania.
Bosworth, Benjamin M. - - - - -	Warren, Rhode Island.
Bourguet, Francois - - - - -	New York.
Bourne, Henry B. - - - - -	New York.
Bradfield, Edward - - - - -	Rochester, New York.
Bright, Goodown - - - - -	Bellbrook, Ohio.
Brooke, H. Jones, and Francis B. Longmire - - - - -	Philadelphia, Pennsylvania.
Brown, John B. - - - - -	Boston, Massachusetts.
Bryant, William - - - - -	Davidson county, Tennessee.
Bryce, Archibald - - - - -	Campbelltown, New York.
Bucklin, Isaac, (reissue) - - - - -	Troy, New York.
Bulkley, Ralph - - - - -	New York.
Bulkley, Ralph - - - - -	New York.
Bull, Aaron - - - - -	Caroline, New York.
Bump, Jacob - - - - -	Kirtland, Ohio.
Burch, John - - - - -	Mill Port, New York.
Burden, Henry - - - - -	Troy, New York.
Burden, Henry - - - - -	Troy, New York.
Burnham, George - - - - -	Philadelphia, Pennsylvania.
Bush, Lounson, administrator of Isaac Lowell, of Pendleton, New York	Erie county, New York.
Butterfield, George - - - - -	Hopkinton, New Hampshire.
Buzzell, Abel H. - - - - -	North Bridgewater, Maine.
Byrd, George I., & Peter Milne - - - - -	New York.
Cameron, James - - - - -	Philadelphia, Pennsylvania.
Campbell, John W. - - - - -	Attica, Indiana.
Carr, Charles - - - - -	Philadelphia, Pennsylvania.
Carr, Charles J., & Andrew Smith - - - - -	Belfer, England.
Carver, Eleazer - - - - -	Bridgewater, Massachusetts.
Carver, Eleazer - - - - -	Bridgewater, Massachusetts.
Caswell, Lebbens - - - - -	Harrison, Maine.
Chaplin, William - - - - -	New York.
Chase, Samuel L. - - - - -	Woodstock, Vermont.
Chickering, Jonas - - - - -	Boston, Massachusetts.
Chilson, Gardner - - - - -	Boston, Massachusetts.
Church, William - - - - -	Birmingham, England.
Church, William - - - - -	Birmingham, England.
Clapp, H. D., assignee of Henry W. Hewet - - - - -	New York.
Clapp, Stephen, assignee of Henry W. Hewet - - - - -	New York.
Clark, Alvan - - - - -	Cambridge, Massachusetts.
Clark, John, jr. - - - - -	Mile End, Glasgow, North Briton.
Clarke, John L. - - - - -	Nashua, New Hampshire.
Clegg, Samuel, & Jacob Samuda - - - - -	England.
Cochran, John W. - - - - -	New York.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Cochran, R. G.	Francistown, New Hampshire.
Cole, Samuel W.	Chelsea, Massachusetts.
Cole, Samuel W.	Chelsea, Massachusetts.
Conway, Petrus P. O.	Philadelphia, Pennsylvania.
Cook, Truman	New York.
Cooper, Nicholas, jr., & Townsend McConnell and Wm. E. Lukens	Wheeling township, Ohio. Short creek, Ohio.
Cooper, Thomas	New York.
Copeland, Asa	Bridgewater, Massachusetts.
Cory, Horace	England.
Costill, Stacy	Philadelphia, Pennsylvania.
Crain, Chauncey, and Evert L. Wemple	Madison, New York.
Criswell, John	Cecil, Pennsylvania.
Crosby, Charles C. P.	Brooklyn, New York.
Crosley, George H.	New Haven, Connecticut.
Crowell, Allen, and William A.	Salisbury, Connecticut.
Cummings, James	Canonsburg, Pennsylvania.
Cushwa, Benjamin	Clear Spring, Maryland.
Dame, Richard	Hanover, New Hampshire.
Daniels, Reuben	Woodstock, Vermont.
Daniels, Reuben	Woodstock, Vermont.
Davies, S. H.	Cincinnati, Ohio.
Davis, Samuel	Mifflin, Pennsylvania.
Davison, William	New York.
Day, Moses	Roxbury, Massachusetts.
Day, Nathaniel C.	Lunenburg, Massachusetts.
Day, Silas	New York.
Denison, Lester E.	Saybrook, Connecticut.
Densmore, Randolph	Hopewell, New York.
Des Combs, Cs. Edward Jacot	Baltimore, Maryland.
Dexter, George M.	Boston, Massachusetts.
Dickinson, William	Worcester, Massachusetts.
Docker, William	New Orleans, Louisiana.
Dodson, W. B.	Louisville, Kentucky.
Doe, Joseph Bolton	London, England.
Dole, Albert	Bangor, Maine.
Downing, Richard T., and George D. Smith.	Monroe county, Pennsylvania. Philadelphia,
Draper, Francis	East Cambridge, Massachusetts.
Draper, George	Palmer, Massachusetts.
Dresser, John	Stockbridge, Massachusetts.
Dripps, William	Coatesville, Pennsylvania.
Dupont, John H., and Thaddeus Hyatt	New York.
Dutton, John, jr.	Aston, Pennsylvania.
Dyott, Michael B.	Philadelphia, Pennsylvania.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Easby, William - - - -	Washington, District of Columbia.
Eastlack, Edwin - - - -	Greenwich, New Jersey.
Easton, Nathaniel - - - -	Worcester, Massachusetts.
Edes, Oliver, and Andrew Holmes	Braintree, Massachusetts.
Edwards, David - - - -	McConnelsville, Ohio.
Engel, Martin - - - -	Easton, Pennsylvania.
Engel, Martin - - - -	Easton, Pennsylvania.
Engel, Martin - - - -	Easton, Pennsylvania.
Ericsson, John - - - -	Kingdom of Sweden.
Evans, Cadwallader - - - -	Pittsburg, Pennsylvania.
Evens, Daniel T. - - - -	Philadelphia, Pennsylvania.
Evens, Joseph - - - -	Lebanon, Ohio.
Eversole, Jacob B. - - - -	St. Louis, Missouri.
Fairman, Simon - - - -	Waterford, New York.
Farrar, John - - - -	Cuyahoga, New York.
Ferris, Caleb L. - - - -	Courtland, New York.
Field, William - - - -	Pawtucket, Rhode Island.
Fish, Randal - - - -	New York.
Fisher, Redwood, assignee of Augustus Count De Lisle - - - -	Paris, France.
Fitzgerald, Daniel, Jesse, & Elisha	New York.
Fléetcher, J. A. - - - -	Irasburg, Vermont.
Fletcher, Moore R. - - - -	Boston, Massachusetts.
Fobes, Alpheus, & Fitch W. Taylor, assignees of Chas. Lyon and Alpheus Fobes - - - -	New York.
Fowler, B., jr., assignee of James Jorey - - - -	Hartford, Connecticut.
Frazer, Robert - - - -	Waynesburg, Pennsylvania.
Frazier, William - - - -	Brooklyn, New York.
Fuller Albert - - - -	Providence, Rhode Island.
Gail, Titus D. - - - -	Eden, New York.
Gallup, William - - - -	Norwalk, Ohio.
Garnet, Daniel - - - -	Richfield, New York.
Gardner, Smith - - - -	New York.
Garver, Isaac, and Samuel Fahrney	Boonsborough, Maryland.
Getz, Peter - - - -	Lancaster, Pennsylvania.
Getz, Peter - - - -	Lancaster, Pennsylvania.
Gibbons, Joseph - - - -	Adrian, Michigan.
Gilbert, John S. - - - -	New York.
Gilbert, John S. - - - -	New York.
Gilbert, John S. - - - -	New York.
Gladwin, Porter A. - - - -	Chester, Connecticut.
Gochmour, Daniel, jr. - - - -	Conemaugh, Pennsylvania.
Gold, Benjamin F., and Job S.	New York.
Gordon, James W. W. - - - -	Baltimore, Maryland.
Gorham, Chester - - - -	Barre, Massachusetts.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Gosselin, Edward - - - - -	New York.
Gray, Edward - - - - -	Ulyses, New York.
Green, Joel - - - - -	Rochester, New York.
Greenleaf, William R., and Alonzo Cole - - - - -	Gerry, New York.
Gregg, Mahlon - - - - -	Philadelphia, Pennsylvania.
Gregg, Mahlon - - - - -	Philadelphia, Pennsylvania.
Grime, Joshua - - - - -	Beekmantown, New York.
Grimes, William C. - - - - -	York, Pennsylvania.
Grimes, William C. - - - - -	York, Pennsylvania.
Groat, Warner - - - - -	Troy, New York.
Groff, Israel W. - - - - -	Lampeter, Pennsylvania.
Guild, Charles - - - - -	Cincinnati, Ohio.
Hamilton, James - - - - -	New York.
Hamilton, James - - - - -	New York.
Hanchett, Joseph - - - - -	Coldwater, Michigan.
Hanchett, Joseph - - - - -	Coldwater, Michigan.
Harding, Francis - - - - -	Cleveland, Ohio.
Harley, William L. - - - - -	Chagrin Falls, Ohio.
Harrington, Daniel - - - - -	Philadelphia, Pennsylvania.
Harris, John W. - - - - -	Dorchester, Massachusetts.
Hart, John - - - - -	Lebanon, Kentucky.
Hayden, Festus - - - - -	Waterbury, Connecticut.
Hendryx, Isaiah J. - - - - -	Troy, New York.
Heritage, George - - - - -	Chestertown, Maryland.
Heritage, George - - - - -	Chestertown, Maryland.
Heritage, George - - - - -	Chestertown, Maryland.
Herron, James - - - - -	Baltimore, Maryland.
Hibbard, Charles - - - - -	New Hampshire.
Hibbard, Harmon - - - - -	Attica, New York.
Hicks, Lucien E. - - - - -	Middletown, Connecticut.
Hildreth, George W. - - - - -	Lockport, New York.
Hilliard, David H. - - - - -	Cornish, New Hampshire.
Hinds, Jacob - - - - -	Hindsburg, New York.
Hodge, James - - - - -	Fairplay, South Carolina.
Holmes, Elijah - - - - -	Stoughton, Massachusetts.
Homer, Charles S. - - - - -	Boston, Massachusetts.
Hosmer, Isaac, and William P. L. Badger - - - - -	Concord, Massachusetts.
Hotchkiss, Lewis, and Willis Hotchkiss - - - - -	Derby, Connecticut.
Houghton, Joel - - - - -	Ogden, New York.
Houghton, Reuben B. - - - - -	Clarkson, New York.
Howard, Lewis and Charles - - - - -	Reading, New York.
Howe, George C. - - - - -	New York.
Howe, William - - - - -	Warren, Massachusetts.
Howe, William - - - - -	Warren, Massachusetts.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Howell, Daniel, assignee of Walter Buchanan - - - - -	New York.
Hubbard, Jesse - - - - -	Watertown, Connecticut.
Huntington, Elisha M., administrator of J. W. Lane - - - - -	Terre Haute, Indiana.
Hutchinson, Benjamin - - - - -	Springfield, Massachusetts.
Hyatt, Benjamin M. - - - - -	Wilmington, Delaware.
Ives, Joseph S. - - - - -	Bristol, Connecticut.
Jackson, Reuben - - - - -	Zanesville, Ohio.
James, William - - - - -	Philadelphia, Pennsylvania.
Johnson, Charles F. - - - - -	Tioga, New York.
Jones, Alfred C. - - - - -	Philadelphia, Pennsylvania.
Judd, Oliver - - - - -	Cherry Valley, New York.
Kane, Stephen, and Thomas and James Keane - - - - -	New York.
Kellogg, George C., and Phineas Gillett - - - - -	New Hartford, Connecticut.
Kelsey, James E., and James A. Potter - - - - -	Poughkeepsie, New York.
Kenderdine, Thomas, jr. - - - - -	Providence, Rhode Island.
King, Charles E. - - - - -	Horsam, Pennsylvania.
King, Matthew W. - - - - -	Mount Pleasant, Ohio.
King, Matthew W. - - - - -	New York.
King, Matthew W. - - - - -	New York.
Kirkman, John - - - - -	New York.
Kirkpatrick, Alexander - - - - -	Newark, New Jersey.
Kittenger, Casper - - - - -	Massilon, Ohio.
Knapp, Lewis - - - - -	New York.
Knight, Benjamin - - - - -	Statesville, Rhode Island.
Knodel, Jonathan - - - - -	Bakersville, Maryland.
Lamb, Seth - - - - -	New York.
Lamb, Thomas - - - - -	Washington, District of Columbia.
Lapham, Daniel P., administrator of Benjamin Lapham, deceased - - - - -	Adams, Massachusetts.
La Rue, Jesse - - - - -	Bristol, Pennsylvania.
Latrobe, Benjamin H. - - - - -	Baltimore, Maryland.
Law, Henry - - - - -	Wilmington, Delaware.
Lawrence, William B. - - - - -	Cincinnati, Ohio.
Lemmond, William J. - - - - -	Lancaster, South Carolina.
Lewis, Thomas J., and George F. - - - - -	Boston, Massachusetts.
Lewis, Thomas J., and George F. - - - - -	Boston, Massachusetts.
Lighthall, William A. - - - - -	Albany, New York.
Lighthall, William A., (reissue) - - - - -	Albany, New York.
Lincoln, Jesse - - - - -	Uniontown, Pennsylvania.
Lindly, Jacob - - - - -	Cynthiana, Kentucky.
Livingston, Lawreston R., and Calvin Adams - - - - -	Pittsburg, Pennsylvania.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Lomax, Abel, and Asahel -	Clinton county, Ohio.
Lombaert, Charles -	Philadelphia, Pennsylvania.
Longmire, Francis B., and H. Jones Brooke -	Philadelphia, Pennsylvania.
McCarthy, Fones -	Demopolis, Alabama.
McClure, Orren -	Fredonia, New York.
McConnell, William P. -	Washington, District of Columbia.
McCrone, John -	Ellicott's Mills, Maryland.
McDowell, John P. -	Summit, Pennsylvania.
McGregor, James -	Saratoga, New York.
McGregor, James, jr. -	Savage Factory, Maryland.
Macy, Charles R. -	Hyde Park, New York.
Magers, Levi -	Baltimore, Maryland.
Mann, William -	Philadelphia, Pennsylvania.
Manning, Cephas -	Acton, Massachusetts.
Manning, Cephas -	Acton, Massachusetts.
Manning, Cephas, (reissue) -	Acton, Massachusetts.
Marble, Eleazer -	Wyalusing, Pennsylvania.
Martin, Joseph, M. D. -	Louisville, Kentucky.
Martin, Joseph T. -	New York.
Martin, Robert -	Fairfield, Ohio.
Marvin, Dudley and Oran W. Seely -	{ New York city. { Sodus, New York.
Mason, William -	Taunton, Massachusetts.
Matthew, David -	Schenectady, New York.
Melsheimer, William -	Philadelphia, Pennsylvania.
Miller, Charles F. -	Baltimore, Maryland.
Miner, Levin, and Nicholas Felts -	Yancyville, North Carolina.
Mix, Miles C. -	Tompkins county, New York.
Montgomery, Richard, and Lewis W. Harris -	Sangerfield, New York.
Montgomery, William -	Boston, Massachusetts.
Moody, Edwin, and Sam. Morrett -	Andover, New Hampshire.
Moore, James -	Elizabethtown, New Jersey.
Moore, Joseph M., and Benjamin Woodworth -	Worcester, { Massachusetts. Boston, {
Moore, Samuel -	Chambersburg, Pennsylvania.
Morse, Samuel F. B. -	New York.
Mott, Jordan L. -	New York.
Mott, Jordan L. -	New York.
Mott, Jordan L. -	New York.
Murdock, Richard -	Baltimore, Maryland.
Naglee, Henry M. -	Philadelphia, Pennsylvania.
Nash, Amaziah -	Calais, Maine.
Naylor, Peter -	New York.
Neveil, George J. -	Rising Sun, Pennsylvania.
Newhall, Daniel -	Lynn, Massachusetts.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Nichols, Martin	Clearfield, Pennsylvania.
Norris, H. Ariel	New York.
Olcott, Sands	New Hope, Pennsylvania.
Olcott, Sands	Philadelphia, Pennsylvania.
Olcott, Sands	Philadelphia, Pennsylvania.
Orcutt, Samuel	Boston, Massachusetts.
Osborn, Jacob	Elyria, Ohio.
Owen, Thomas G.	Baltimore, Maryland.
Page, George	Baltimore, Maryland.
Page, John	New York.
Parker, Zebulon, (and Robert Mc- Kelvey, administrator of Austin Parker, deceased)	Ohio.
Parmelee, James	Ogden, New York.
Payne, Miles R.	Audersontown, Indiana.
Penfield, Sylvester	Hartford, Connecticut.
Penniman, John	Baltimore, Maryland.
Perkins, Angier M.	Citizen U. S., now in London.
Perkins, Edward L.	Boston, Massachusetts.
Pettes, Simon	Schenectady, New York.
Phelps, John F.	Havana, New York.
Philips, David	Georgetown, Pennsylvania.
Phillips, William H.	Brooklyn, New York.
Phleger, Lemuel	Philadelphia, Pennsylvania.
Phleger, Leonard	Philadelphia, Pennsylvania.
Pickard, Daniel L.	Hartland, New York.
Pike, Charles F.	Providence, Rhode Island.
Piper, Enoch	Camden, Maine.
Pitts, Harvey W.	Wilsonville, Alabama.
Poole, William C.	Lancaster, Pennsylvania.
Porter, Rufus	Billerica, Massachusetts.
Porter, Rufus	Billerica, Massachusetts.
Porter, Rufus	Billerica, Massachusetts.
Post, Abel	Henrietta, New York.
Post, John W.	Baltimore, Maryland.
Potter, Elbridge G.	Lebanon, Indiana.
Pratt, Julius, Fenner Bush, Aaron Pratt, and Zina K. Murdock	Meriden, Connecticut.
George Read, Alpheus Starkey, George Spencer, and John C. Rodgers, assignees of William M. Fowler	{ Saybrook, Connecticut.
Prutzmann, August	North Bradford, Connecticut.
Rangeley, John	Philadelphia, Pennsylvania.
Rannells, David V.	Camberwell, England.
Ray, Fowler M.	Washington, Kentucky.
Ray, Fowler M., (reissue)	Catskill, New York.
	Catskill, New York.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Read, Henry - - - -	Kensington, Pennsylvania.
Reid, James - - - -	Pawtucket, Rhode Island.
Reynolds, Asa R. - - - -	Skaneateles, New York.
Rice, Ebenezer - - - -	Salina, New York.
Rich, Martin - - - -	Ithaca, New York.
Richardson, Isaac - - - -	Paoli, Pennsylvania.
Riggs, Alfred - - - -	New York.
Ring, Jarvis - - - -	Ogden, New York.
Ritter, David - - - -	New Haven, Connecticut.
Robbins, Edward, jr., and William Ashby - - - -	Bordentown, New Jersey.
Roberts, Horner - - - -	Delhi, New York.
Robertson, James - - - -	New York.
Robie, Jacob C. - - - -	Binghampton, New York.
Robinson, George W., and Ezra - - - -	Boston, Massachusetts.
Rogers, Peter - - - -	Philadelphia, Pennsylvania.
Ronalds, Hugh - - - -	Albion, Illinois.
Rowe, James - - - -	Athens, Alabama.
Ruggles, Draper, Joel Nourse, and John C. Mason, assignees of Elbridge G. Matthews - - - -	Worcester, Massachusetts.
Ruggles, Stephen P. - - - -	Boston, Massachusetts.
Russel, Jacob - - - -	Jenner, Pennsylvania.
Russel, William - - - -	New York.
Sabin, William H. - - - -	New Milford, Pennsylvania.
Sacket, Dudley D. - - - -	Westfield, Massachusetts.
Sargent, Nathan - - - -	Cambridgeport, Massachusetts.
Sawyer, Samuel - - - -	Boston, Massachusetts.
Scott, John - - - -	Philadelphia, Pennsylvania.
Scott, John - - - -	Philadelphia, Pennsylvania.
Sellers, George Escol - - - -	Upper Darby.
Sellers, James, and Abraham L. Pennock - - - -	Philadelphia, Pennsylvania.
Sellers, James, and Abraham L. Pennock - - - -	Philadelphia, Pennsylvania.
Seltzer, Adam - - - -	Baltimore, Maryland.
Sheckells, Richard W. - - - -	Baltimore, Maryland.
Sheldon, Oliver - - - -	New Marlborough, Massachusetts.
Sheldon, Samuel - - - -	Cincinnati, Ohio.
Sheldon, Samuel - - - -	Cincinnati, Ohio.
Short, Young William - - - -	Oglethorpe county, Georgia.
Sickels, Gerard - - - -	Middletown, Connecticut.
Smith, Emery - - - -	North Sudbury, Massachusetts.
Smith, Hiram - - - -	Bethany, New York.
Smith, Hiram M. - - - -	Richmond, Virginia.
Smith, Lyman, jr., and Griffin R. Waring - - - -	Derby, Connecticut.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Smith, Mahlon - - - -	Tirricum, Pennsylvania.
Smith, Robert M. - - - -	Rutherford, Tennessee.
Smith, William W., and Benjamin Mullikin, jr. - - - -	New York.
Somerby, Theophilus - - - -	Wells, Maine.
Southworth, F. H. - - - -	St. Louis, Missouri.
Spafford, George - - - -	Windham, Connecticut.
Spangler, Samuel - - - -	Stoney Creek, Pennsylvania.
Spear, Arannah - - - -	Braintree, Vermont.
Spencer, William, (reissue) - - - -	Lowell, Massachusetts.
Spilbury, Francis G., Fanny Corbaux, and Alexander S. Byrne - - - -	England.
Stafford, David - - - -	Syracuse, New York.
Stanley, Isaac Newton - - - -	Philadelphia, Pennsylvania.
Stebbins, Lucius - - - -	Hartford, Connecticut.
Stevens, John Hucks, assignee of Chauncey E. Warner - - - -	New York.
Stevens, John Hucks, assignee of Elisha Fitzgerald - - - -	New York.
Stevens, John Hucks, assignee of Robert W. Lewis - - - -	New York.
Stewart, James A. - - - -	Springfield, Tennessee.
Stewart, John A. - - - -	Philadelphia, Pennsylvania.
Still, James - - - -	Zanesville, Ohio.
Stillman, Abel - - - -	Poland, New York.
Stimpson, Herbert H. - - - -	Boston, Massachusetts.
Stimpson, James - - - -	Baltimore, Maryland.
Stimpson, James, (reissue) - - - -	Baltimore, Maryland.
Stoker, George, and Joseph Bently - - - -	Birmingham, England.
Straub, Isaac - - - -	Cincinnati, Ohio.
Strenge, George, and Jacob Rohrer - - - -	Lancaster, Pennsylvania.
Strickland, Horace - - - -	Bradford, Vermont.
Strong, Charles - - - -	Hartford, Vermont.
Strong, George D., and Jonathan Dodge, assignees of Walter Hunt - - - -	New York.
Stuart, Frederick A. - - - -	Catharine, New York.
Talbott, James M. - - - -	Richmond, Virginia.
Talbott, Samuel - - - -	Richmond, Virginia.
Thomas, David - - - -	Hingham, Massachusetts.
Thomas, Enoch - - - -	New Athens, Ohio.
Thomas, James R. - - - -	Collingsworth, Georgia.
Thomas, William - - - -	Hingham, Massachusetts.
Thomas, William - - - -	St. Louis, Missouri.
Thorn, William, & James Thorn, jr. - - - -	Plainfield, New Jersey.
Thorpe, John, & William G. Angell - - - -	Providence, Rhode Island
Tilden, Lester - - - -	Barre, Vermont.
Tilden, Thomas E. - - - -	Baltimore, Maryland.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Tillon, John -	New Haven, Connecticut.
Tomlinson, Daniel -	Brookfield, Connecticut.
Treadwell, Daniel -	Cambridge, Massachusetts.
Trovillo, James N. -	Christiansburg, Virginia.
Turner, John L. -	Philadelphia, Pennsylvania.
Vannini, Joseph -	New York.
Vrooman, John N. -	Danube, New York.
Ward, Allen D. -	Minerva, Kentucky.
Warner, Samuel -	{ Lowell, Vermont. Westfield, Vermont.
Jere Hodgkin -	{ Watervliet, New York.
William E. Traver -	Boston, Massachusetts.
Warren, J. Wright, jr. -	New York.
Waterman, Henry -	Wallingford, Connecticut.
Webb, Constant -	New York.
Wells, Thomas J. -	Paris, Virginia.
Welsh, Elijah W. -	Greene, Maine.
West, Ammi -	
Wheatstone, Charles, and William F. Cooke -	Great Britain.
Wheeler, Charles R. -	Boston, Massachusetts.
Whipple, Milton D. -	East Douglass, Massachusetts.
White, Samuel -	England.
Whitman, Luther W. -	Winthrop, Maine.
Whitney, Asa -	Rotterdam, New York.
Whitney, Baxter D., and George W. Lawton -	Winchendon, Massachusetts.
Wier, John -	New York.
Willerd, Julius -	Baltimore, Maryland.
Williams, Daniel, (reissue) -	Troy, New York.
Williams, Thomas R. -	Newport, Rhode Island.
Williams, Thomas Robinson -	Citizen U. S., now in London.
Williams, William Morrett -	England.
Williamson, Peregrine, (reissue) -	New York.
Williston, John P., and Willard A. Arnold -	Northampton, Massachusetts.
Winans, Norman T., and Thaddeus Hyatt -	New York.
Winans, Ross -	Baltimore, Maryland.
Winslow, Humphrey -	Swanzey, Massachusetts.
Winslow, Seth E. -	Philadelphia, Pennsylvania.
Withey, William P. -	Hartford, Connecticut.
Wolcott, Alexander S. -	New York.
Wood, Loftis -	New York.
Woodard, Abijah -	Athol, Massachusetts.
Woodward, Thomas -	Brooklyn, New York.
Woodward, Thomas -	Brooklyn, New York.
Worley, Joseph -	Hawkins county, Tennessee.

## B.—LIST OF PATENTEES—Continued.

Names of patentees.			Residence.
Wyeth, Nathaniel J.	-	-	Cambridge, Massachusetts.
Wyeth, Nathaniel J.	-	-	Cambridge, Massachusetts.
Wyeth, Nathaniel J.	-	-	Cambridge, Massachusetts.
Wyeth, Nathaniel J.	-	-	Cambridge, Massachusetts.
Wyeth, Nathaniel J.	-	-	Cambridge, Massachusetts.
Young, Edward L.	-	-	Norfolk, Virginia.

AGRICULTURE.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Apples, machine, for grating, corn, &c. -	Camm Moore	Guilford county, N. C.	Dec. 30, 1826.
Cabbage, machine for cutting -	F. Berkeymeger & J. Dangler	Greenwich, Penn.	Nov. 14, 1826.
Corn-husking machine -	Howlet Bushnell	Norwich, Conn.	Nov. 14, 1826.
Corn-sheller, improvement on Pillsbury's	Jeremiah Dodson	Guilford, N. C.	June 15, 1826.
Corn-sheller -	Elijah Russell	Greensburg, N. C.	October 24, 1826.
Cotton-cleaner -	Jesse Reed	Marshfield, Mass.	Feb. 3, 1826.
Cotton-gin -	Isaac B. Barnes	Beaufort, S. C.	Nov. 6, 1826.
Cotton-gin, propelling -	Peter Knox	Augusta, Ga.	Dec. 7, 1826.
Cultivator, tooth for, and harrows	Waldren Beach	Philadelphia, Penn.	April 13, 1826.
Dairy-cooler -	David Whitmer	Paradise Penn.	Dec. 7, 1826.
Fanning-mill -	Ovid Pinney & James Olmstead	Caledonia, N. Y.	Nov. 7, 1826.
Flax, dressing -	Joseph Hines & William Bain	New York	August 12, 1826.
Harrow, cleave -	Lemuel Tain	Sussex county, Del.	July 11, 1826.
Planting-machine, cotton -	Francis H. Smith	Richmond, Va.	Feb. 15, 1826.
Planting and working corn -	William Ross	Middle Baxton, Penn.	June 24, 1826.
Planting corn, cotton, &c. -	John Lobdell	Warren county, Miss.	Dec. 26, 1826.
Plough -	Stephen McCormick	Fauquier, Va.	Jan. 28, 1826.

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Plough, hill-side, double-nose, cast-iron	John Shephard	De Ruyter, N. Y.	April 12, 1826.
Plough, cast-iron	Thaddeus Fairbanks	St. Johnsbury, Vt.	April 19, 1826.
Plough	William Cocke	Luzerne towns <sup>p</sup> , Penn.	April 28, 1826.
Plough	Z. S. Holbridge & H. S. Lawson	Byrne, N. Y. New York	August 9, 1826.
Rice-machine, cleaning and hulling	John L. Norton	Penn Yan, N. Y.	March 10, 1826.
Smut-machine	Lemuel V. & Cornelius Masten	Penn Yan, N. Y. Augusta, Me.	April 25, 1826. Jan. 10, 1826.
Thrashing-machine	William Small	Red Hook, N. Y. Reading, Penn.	Jan. 16, 1826. Feb. 18, 1826.
Thrashing-machine, and breaking and dressing flax	J. A. Heermann	-	-
Thrashing-machine, and hulling clover-seed	Joseph Potter	-	-
Thrashing-machine, and breaking flax and hemp	D. Hulburt, N. Etheridge, & J. A. Combs	Herkimer, N. Y. Kennebec, Me. Livermore, Me.	Feb. 21, 1826. May 10, 1826. May 25, 1826.
Thrashing-machine	John Shaw	Trenton, N. J.	June 3, 1826.
Thrashing-machine	Seth Ballou	-	-
Thrashing-machine	Pearson Reading	Marcellus, N. Y.	Sept. 8, 1826.
Thrashing and cleaning-machine	Archibald Douglass	Rochester, N. Y.	Nov. 7, 1826.
Thrashing and winnowing-machine	Sylvanus C. Hersey	-	-
Thrashing-machine	James Hyde	Pembroke, N. Y.	Dec. 9, 1826.
Tobacco, curing and drying	Edmund Pendleton	Louisa county, Va.	Dec. 18, 1826.

Auger, mode of turning any number	-	Hardin Branch J. H. Schreiner Sheldon Caswell Edward Cooper H. Tyler John Brown & George W. Robinson John Thorp Adam Slater Erastus Bartholomew Elijah Thompson James H. Arnold William Day Jesse Delano A. Roberson Ziba Parkhurst Erastus Bartholomew Joseph Herring Jer. Hubbard Henry Whitney & E. Robinson William Price John Schirer R. Tyler & B. P. Coston J. Cooper & P. Barnet William Harkins James Matthews John Hunt	New York Philadelphia, Penn. Windham, Conn. Richmond, Va. Utica, N. Y. Providence, R. I. Providence, R. I. Oxford township, Penn. Boston, Mass. Lowell, Mass. Bellemont, O. Gardiner, Me. New York New Bedford, Mass. Grafton, Mass. Boston, Mass. New York Jameston, N. C. Cambridge, Mass. Pitt, Penn. Charleston, S. C. Philadelphia, Penn. Philadelphia, Penn. Wheeling, Va. Schenectady, N. Y. Shutesbury, Mass.	August 7, 1826. August 17, 1826. Nov. 20, 1826. Sept. 14, 1826. Oct. 20, 1826. March 24, 1826. July 10, 1826. Feb. 15, 1826. May 17, 1826. June 9, 1826. Sept. 25, 1826. March 11, 1826. March 7, 1826. Sept. 8, 1826. August 9, 1826. May 17, 1826. Nov. 16, 1826. Nov. 4, 1826. Nov. 4, 1826. Nov. 14, 1826. April 12, 1826. May 23, 1826. May 31, 1826. Dec. 29, 1826. May 2, 1826. June 8, 1826.
Braiding-machine	-			
Brooms, machine for making hickory	-			
Cables, chain	-			
Carding-machine	-			
Carding-machine	-			
Candles, dipping	-			
Chest, fire-proof	-			
Cloth, singeing	-			
Composition applied before carding	-			
Cordage, manufacturing	-			
Dying hair of seal-skins	-			
Fur-cutting machine	-			
Glass-knobs, for doors, &c.	-			
Glass-knobs, mode of fastening	-			
Gun-stocks, crooking	-			
Hats, pressing leghorn, straw and other	-			
Hats, finishing	-			
Hats, manufacturing by steam	-			
Jenny, vertical	-			
Lathe, turning	-			

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Loom, wire-power -	John S. Gustin	New York	Feb. 23, 1826.
Loom, carpet -	Horace Baker	North Salem, N. Y.	April 14, 1826.
Loom -	Roswell Wilcox	Franklin county, O.	April 21, 1826.
Loom -	Cornelius Bergen	New York	June 14, 1826.
Loom -	Samuel Chidester	Windham, N. Y.	Sept. 2, 1826.
Loom, domestic -	Jer. Hubbard	Jamestown, N. C.	Nov. 6, 1826.
Nails, manufacturing -	James Kranser	Philadelphia, Penn.	Sept. 23, 1826.
Oakum, picking -	Ez. Waterhouse	Gardiner, Me.	April 24, 1826.
Ornamental rolls and stamps for book-binders -	David H. Mason	Philadelphia, Penn.	Jan. 26, 1826.
Paper, making -	Gardner Burbank	Worcester, Mass.	April 12, 1826.
Picker, tube used in weaving -	Benjamin Holbroke	Providence, R. I.	Feb. 21, 1826.
Plane, revolving timber -	Daniel M. Smith	Warwick, Mass.	Dec. 28, 1826.
Rollers, callender, heating for glazing -	J. Bringhall & T. Keyes, junior	West Boylston, Mass.	April 1, 1826.
Roping, or roving, and spinning wool and cotton -	William Carmichael	Sand Lake, N. Y.	June 10, 1826.
Roping, or roving, and twisting cotton -	William Whitehead, jr.	Paterson, N. J.	June 14, 1826.
Roping, or roving, and spinning wool -	J. R. & J. B. Wheeler	Galway, N. Y.	August 28, 1826.
Saw, circular -	William Kendall, jr.	Kennebec, Me.	May 18, 1826.
Saw, vertical, for fret-work -	E. & C. Booth	Southbury, Conn.	April 22, 1826.
Saw, circular, reacting -	William Avery	Cazenovia, N. Y.	Dec. 8, 1826.
Saw-setting machine -	Joseph H. Schreiner	Philadelphia, Penn.	August 19, 1826.
Sifter, revolving coal -	Thos. Borbridge & An- son Martin	Kingston town'p, Penn.	Dec. 20, 1826.
Slitting-mill -	Tim. Allen	Plymouth, Mass.	April 5, 1826.
Spinning-machine, horizontal -	J. S. & B. J. Billings	Moreau, N. Y.	Jan. 16, 1826.

Spinning-machine, called the fancy-spinner	J. R. & J. B. Wheeler	Galway, N. Y.	March 3, 1826.
Spinning-machine, for wool and cotton, by hand	George W. Robinson	Providence, R. I.	March 16, 1826.
Spinning-machine, or splicing cotton and woollen rolls	Gardner Barton, jr.	Shaftsbury, Vt.	April 22, 1826.
Spinning-machine, horizontal, improvement on Calvin Merrill's	D. Hunt & S. Wheeler J. Watt, F. A. Priest, & G. Freeman	Knox, N. Y.	May 2, 1826.
Spinning-machine, family	J. Corrill & W. P. Rogers	Jefferson county, O.	May 20, 1826.
Spinning-machine, for wool	W. Hunt & W. H. Hoskins Joseph Hathaway Joseph Woodhull Lafford Totten	Harpersfield, O. Martinsburg, N. Y. Poultney, N. Y. Chester, N. Y. Schoharie, N. Y. Foxborough, Mass. Foxborough, Mass. New York	June 15, 1826. June 22, 1826. July 24, 1826. Nov. 14, 1826. Nov. 22, 1826. Dec. 7, 1826. Dec. 29, 1826. Dec. 7, 1826. August 19, 1826.
Spinning-machine, flax and hemp	Seth Boyden	Utica, N. Y.	January 30, 1826.
Spinning-machine, cotton and wool	Seth Boyden	Brookfield, N. Y.	August 16, 1826.
Spinning-machine, and reeling wool and cotton	William Gale	Paterson, N. J.	August 16, 1826.
Spinning-machine, domestic	Benjamin Wildes	Baltimore, Md.	August 16, 1826.
Spinning-machine, wool and cotton	Orsemas M. Stillman	Ashford, Conn.	June 19, 1826.
Spoons, manufacturing	Thomas Van Riper	Philadelphia, Penn.	Nov. 22, 1826.
Suspenders, manufacturing	Joseph Clarkson	-	-
Temple for weaving	Walter James	Cazenovia, N. Y.	April 12, 1826.
Throstle, bobbin or spool	William Sleeper	Dedham, Mass.	Dec. 15, 1826.
Twine, laying and twisting seine	Ezra Brown	-	-
Tire, bending	John Goulding	-	-
Umbrella and parasol, manufacturing	-	-	-
Wire, harness, improvement on Chandler's and Brown's	-	-	-
Wool, manufacturing	-	-	-
NAVIGATION.			Nov. 6, 1826.
Bilge-lever, for supporting ships	John Thomas	New York	-

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Dock, railway -	John Thomas -	New York -	Feb. 24, 1826.
Dock, dry -	Alanson Place -	New York -	April 1, 1826.
Dock, buoyant -	Maximin Isnard -	New York -	June 22, 1826.
Dock, carrying and lifting trunk -	James Barron -	Norfolk, Va. -	August 2, 1826.
Dock, dry, floating -	John Floyd -	Kittery, Me. -	August 17, 1826.
Mud-machine -	Samuel Collins -	New York -	Sept. 26, 1826.
Paddles of wheels of boats -	William F. Kearing -	New York -	Dec. 8, 1826.
Plugs, machine for cutting, for waists and decks of ships -	Chris. Josselyn -	New York -	June 28, 1826.
Propelling boats -	Chauncey Crafts -	Woodbury, Conn. -	March 29, 1826.
Propelling boats and vessels -	John G. Giraud -	Baltimore, Md. -	Dec. 12, 1826.
Pumping ships by wheel-power -	S. Town & R. M. Oliphant -	North Granville, N. Y. -	April 8, 1826.
Railway, sub-marine -	John Thomas -	New York -	Nov. 6, 1826.
Railway, marine -	Richard Ward -	New York -	Dec. 28, 1826.
Raising vessels for repair -	Benjamin Waterhouse -	New York -	April 15, 1826.
Raising canal-boats -	Seth C. Jones -	Rochester, N. Y. -	June 16, 1826.
Raising boats and vessels -	Alfred Warner -	Rochester, N. Y. -	Nov. 16, 1826.
Steering vessels -	S. G. Clark & G. Stimson -	Philadelphia, Pa. -	April 26, 1826.
Steering-wheel -	R. Kingsbury & E. Rowse -	Charlesstown, Mass. -	July 10, 1826.
Steamboat for shallow water -	Benjamin Phillips -	New York -	April 28, 1826.
Ways, for drawing up vessels -	Amasa Miller -	New London, Ct. -	Feb. 8, 1826.
Weighing canal-boats -	Benjamin Bull -	New York -	June 20, 1826.
Wheel, steering -	John M. Brown -	Boston, Mass. -	March 24, 1826.
Wheel for steamboats -	John J. Giraud -	Baltimore, Md. -	Sept. 15, 1826.
Wheel for propelling boats -	Benjamin Raymond, jr. -	Beverly, Mass. -	Nov. 13, 1826.

Canals, machine for digging -	-	Jer. Brainard -	Bome, N. Y.	-	Feb. 10, 1826.
Canals, machine for excavating -	-	Lot Forrester -	Ridgefield, Ct.	-	May 10, 1826.
Carts, wagons, &c., machine for loading -	-	Noah Osborn -	Fairfield, Ct.	-	May 23, 1826.
Cellars, vaults -	-	Henry Hallack -	New York	-	October 24, 1826.
Earth, machine for removing -	-	William H. Doll -	Harrisburg, Pa.	-	May 29, 1826.
Earth, machine for removing -	-	Pierson Reading -	Trenton, N. J.	-	June 1, 1826.
Earth, machine for raising -	-	Cyrus Barnard -	Lynn, Pa.	-	July 14, 1826.
Gate, paddle, for canal lock -	-	Daniel Rogers -	Little Falls, N. Y.	-	May 17, 1826.
Locks, canal, preserving -	-	Simeon Guilford -	Lebanon, Pa.	-	July 10, 1826.
Railways, forest -	-	Henry Pinkins & T. R. Williams -	London, England	-	April 27, 1826.
Railways with lift of 16 feet -	-	Ethan Baldwin -	Harrisburg, Pa.	-	May 6, 1826.
Railways -	-	J. Brown & G. W. Robinson -	Providence, R. I.	-	June 6, 1826.
Railways; portable, endless -	-	Jer. Price -	New York	-	Sept. 15, 1826.
Stumps, machine for raising -	-	Abieza H. Whitney -	Bowdoinham, Me.	-	May 15, 1826.

## COMMON TRADES.

Bedstead, beveled, grooved, and dovetail joint -	-	John Mitchell -	Harrisburg, Pa.	-	Jan. 11, 1826.
Bedstead, bisected -	-	Peter Breasted -	Green county, N. Y.	-	Feb. 21, 1826.
Bedstead fastenings -	-	Edwin H. Badger -	Petersburg, Va.	-	March 3, 1826.
Bedstead -	-	William Bell -	Lexington, Ky.	-	July 7, 1826.
Bedstead -	-	Samuel Davis -	Catskill, N. Y.	-	Dec. 26, 1826.
Boots and shoes, manufacturing -	-	John Trask -	Hatfield, Mass.	-	April 5, 1826.
Boots and shoes, manufacturing -	-	Elijah Thayer -	Leicester, Mass.	-	June 9, 1826.

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boot-tree, screw -	-	George Nichol -	Sept. 8, 1826.
Boring machine and tenoning -	-	Admiral Warren -	April 17, 1826.
Boring and reaming out, and setting boxes into hubs -	Eben Johnson -	Lexington Heights, N. Y.	Nov. 7, 1826.
Bread, biscuit, &c., machine -	Ephraim Treadwell -	New York -	May 18, 1826.
Brick-moulding machine -	David Watson -	Fayetteville, Me.	May 6, 1826.
Brick-moulding machine -	Ezra Fisk -	Fayette, Me.	June 9, 1826.
Bridles -	Daniel H. Reed -	New York -	Oct. 24, 1826.
Dresses for boys -	Charles Herwick -	New York -	May 16, 1826.
Felloes, machine for sawing -	Phoebe Collier, widow of James -	Catskill, N. Y.	May 20, 1826.
Felloes, machine for sawing -	Barnabas Ruggles -	Poultney, Vt.	June 29, 1826.
Hides, breaking -	Iez. S. Clarke -	Randolph county, N. C.	Dec. 22, 1826.
Jointing and matching boards -	David Gleeson & H. Frisbee -	Bethany, N. Y.	April 8, 1826.
Knife, currier's -	Freeman Palmer -	Littleton, N. H.	March 17, 1826.
Knife, currier's, constructing and grinding Leather, facilitating the sewing of -	Samuel Brook -	New York -	Nov. 13, 1826.
Marble, rubbing and scouring -	Henry Lye -	Philadelphia, Pa.	March 10, 1826.
Measuring and cutting garments -	Elijah Ferris -	Westchester, N. Y.	March 7, 1826.
Mortar, moulding and pressing brick -	Stephen Severson -	Baltimore, Md.	March 15, 1826.
Mortar, tub-mill -	John M. Brookings -	Wiscasset, Me.	Jan. 23, 1826.
Mortising machine, lever power -	James Parker -	Gardiner, Me.	Jan. 28, 1826.
Planing machine -	Thomas Green -	Manlius, N. Y.	April 12, 1826.
Saddles -	Herman Allen -	Randolph county, N. C.	Dec. 22, 1826.
	William H. Collins -	Cincinnati, Ohio -	May 27, 1826.

Saddle-trees	-	George Wilkes -	Fredonia, Ia.	Nov. 22, 1826.
Sawing boards	-	William Kendall	Waterville, Me.	Jan. 16, 1826.
Sawing circular timber	-	Benjamin Overman	Glenysburg, N. C.	Sept. 15, 1826.
Scale for draughting garments	-	N. B. Starr	Philadelphia, Pa.	July 10, 1826.
Shaving and smoothing wood	-	Abm. Brownson	Lockport, N. Y.	June 21, 1826.
Shingle sawing	-	Willard Foster	Oswego, N. Y.	June 25, 1826.
Shingle sawing machine	-	Oliver Goddard	Bridgeton, Me.	April 6, 1826.
Slates, manufacturing	-	J. Madison & E. & P. S. Mattes	Easton, Pa.	Dec. 22, 1826.
Slitting timber	-	William Barker	Kingston, Pa.	March 25, 1826.
Stock, jubilee	-	W. J. Cautello & R. M. Kerrison	New York	Aug. 30, 1826.
Tailoring, art of	-	Greenberry Ross	Carlisle, Ky.	April 5, 1826.
Tewell and Waterback	-	Asa Blood	Conhocton, N. Y.	Oct. 24, 1826.
Trip hammer	-	Elisha Crowell	Gardiner, Me.	Aug. 4, 1826.
Trip-hammer	-	Philip P. Read	Mercer, Me.	Dec. 7, 1826.
Veneer machine	-	John P. Allen	Manchester, Mass.	Dec. 7, 1826.
Washing machine	-	Oliver Deane	Walpole, Mass.	Jan. 11, 1826.
Washing machine	-	Willard Foster	Oswego, N. Y.	Jan. 25, 1826.
Washing machine	-	Junius Smith	London, England	Jan. 28, 1826.
Washing machine by steam	-	Edward Thruston	Burlington, Vt.	March 2, 1826.
Washing machine	-	Richard V. Mudge	Durham, N. Y.	April 12, 1826.
Washing machine	-	John G. Philip	Kinderhook, N. Y.	April 12, 1826.
Washing machine, rocking	-	S. Church & H. Clark	Utica, N. Y.	July 6, 1826.
Washing machine	-	William Burton, jr.	Ainsville, N. Y.	Aug. 16, 1826.
Washing machine by steam	-	Burroughs Beach	New Milford, Ct.	Nov. 24, 1826.
Washing machine	-	David D. Dunham	New Brunswick, N. J.	Dec. 7, 1826.
Window-shutters, fire-proof	-	J. Brown & George W. Robinson	Providence, R. I.	March 16, 1826.

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

## WHEEL CARRIAGES.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Carriages, retarding, descending hills	Ezra Slifer	Boonsborough, Md.	Jan. 16, 1826.
Hubs, blocks, &c., bushing	T. & D. Curtis	Washington, D. C.	Jan. 23, 1826.
Hubs	Garretson Lyon	New York	Dec. 28, 1826.
Springs for wagons	Walter Janes	Ashford, Ct.	June 6, 1826.

## HYDRAULICS.

Bucket, well-emptying	Elijah Willard	Egremont, Mass.	June 15, 1826.
Engine, fire	George Shalk & Wm. Tintaff	Lebanon, Pa.	Sept. 23, 1826.
Ladder, fire	Seth Lelman	Philadelphia, Pa.	Aug. 9, 1826.
Liquors, mode of elevating	John A. Smith	New London, Ct.	Aug. 7, 1826.
Pipes, clay	John Bower	E. Bethlehem, Pa.	Dec. 1, 1826.
Pump	Sylvanus Russell	Olean, N. Y.	Feb. 4, 1826.
Pump	Theodorick Brooks	Rutland, N. Y.	April 13, 1826.
Valve, relieving	Wm. Lamphier	Alexandria, D. C.	Sept. 2, 1826.
Water, raising from wells	Jer. Dexter	Salisbury, Ct.	Jan. 27, 1826.
Water, raising for domestic purposes	Liscomb Knapp	Brighton, N. Y.	May 22, 1826.
Water, raising from wells	Elijah Willard	Egremont, Mass.	Oct. 23, 1826.
Water, raising from wells	Isaac Willbur	Madison, N. Y.	Dec. 28, 1826.

Chimneys, improvement in	-	A. G. D. Tuthill	Utica, N. Y.	June 8, 1826.
Distilling all kinds of liquors	-	Norman & A. Walcott	Bloomfield, N. Y.	S. 1826.
Distilling	-	Samuel Harwood, 3d	Braintree, N. Y.	15, 1826.
Evaporating liquids	-	Charles Sholes	Phelps, N. Y.	26, 1826.
Furnace, stoves, &c., constructing	-	Social Rolph	Wailes, N. Y.	8, 1826.
Furnace for anthracite coal	-	William Church	Boston, Mass.	20, 1826.
Furnace and fire-places	-	J. W. Boot & Wm. Lynn	Boston, Mass.	29, 1826.
Furnace for heating iron hoops	-	Garret Post	Auburn, N. Y.	22, 1826.
Gas or vapor engine	-	Samuel Morey	Oxford, N. H.	April 1, 1826.
Gauge sight for steam-boilers	-	William Barker	Kingston, Pa.	March 24, 1826.
Grates and blower for Lehigh coal	-	S. C. Mott & W. Holmes	New York	Nov. 26, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	March 23, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	June 21, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	Dec. 29, 1826.
Heating and boiling water	-	George J. Payne	Lockport, N. Y.	Dec. 27, 1826.
Kiln, brick, covering	-	Samuel R. Bakewell	Wellsburg, Va.	May 10, 1826.
Kitchen summary	-	John Boins	Baltimore, Md.	Jan. 19, 1826.
Mash machine for distilleries	-	Worham Whitney	Rochester, N. Y.	Jan. 19, 1826.
Pump, steam	-	G. W. Long	Old Point Comfort, Va.	Feb. 16, 1826.
Refrigerator for distilleries	-	L. C. & P. Bodman	Baltimore, Md.	Jan. 6, 1826.
Salt, manufacturing, by steam	-	Stephen T. Conn	Georgetown, D. C.	July 12, 1826.
Steam, application to blast furnaces	-	Cotton Foss	Madison, Ohio	Aug. 2, 1826.
Steam, application and working twice over	-	Joseph H. Lanning	Nashville, Tenn.	Aug. 12, 1826.
Steam-engine	-	George Deming	Magura, N. Y.	March 10, 1826.
Steam-engine, rotary	-	S. Fairlamb and E.	-	May 25, 1826.
Steam-engine	-	Bruce, Jr.	-	Aug. 16, 1826.
Steam-engine	-	Joseph Eve	-	Nov. 6, 1826.
	-	Elisha Bilelow	-	-

C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Steam-engine, rotary	Elijah H. Read	Lancaster, Ky.	Nov. 10, 1826.
Steam-engine, two cylinder, atmospheric	William Willis	Charleston, S. C.	Nov. 14, 1826.
Steam-engine	John McCurdy	London, England	July 1, 1826.
Steam, generating, by anthracite coal	D. Collings and J. D. Gallup	Wilkesbarre, Pa.	Oct. 12, 1826.
Steam, generating	Daniel Phelps	Bath, N. Y.	Nov. 14, 1826.
Still, steam	James G. Foley	Harrisburgh, Pa.	Feb. 23, 1826.
Stone-ware, burning without salt	Sanford S. Perry	Troy, N. Y.	Sept. 12, 1826.
Stoves, cooking	David Little	Hagerstown, Md.	Feb. 1, 1826.

MILLS.

Motion, extending and multiplying power	-	William Kendall, jr.	-	Waterville, Me.	-	Jan. 16, 1826.
Pendulum and lever-power	-	A. & C. Berry	-	Poughkeepsie, N. Y.	-	March 25, 1826.
Pendulum, motion for machinery	-	Justin Jacob	-	Montreal, Canada	-	Dec. 29, 1826.
Saw-mill	-	Israel Johnson, jr.	-	Villenovia, N. Y.	-	Feb. 8, 1826.
Saw-mill, sawing timber by steam-power	-	Reuben Nichols	-	New Orleans, La.	-	July 21, 1826.
Saw-mill, horse	-	Solomon R. Johnson	-	New York	-	Oct. 25, 1826.
Saw-mill, locomotive steam	-	William G. Berry & J. T. Osborn	-	Cincinnati, Ohio	-	Nov. 26, 1826.
Stone-mill, concave and convex	-	J. Sawyer & E. Clark	-	Royalston, Mass.	-	March 18, 1826.
Water, letting on water-wheels	-	Thomas Key	-	Henry county, Ga.	-	July 18, 1826.
Water, steam, and wind, applied as a power	-	Isaac Garretson	-	Bellefontaine, Ohio	-	March 25, 1826.
Wheel, cog, suspended by machinery	-	James Cooper	-	Staunton, Va.	-	March 22, 1826.
Wheel, water, conical	-	Roswell Wilcox	-	Franklin county, Ohio	-	April 19, 1826.
Wheel, inclined horse	-	Elias Holliday	-	Schoharie, N. Y.	-	May 6, 1826.
Wheel, relieving from back water	-	D. Benedict	-	Fabius, N. Y.	-	May 10, 1826.
Wheel, water, and flames	-	Asa Messer	-	Providence, R. I.	-	May 18, 1826.
Wheel, water, applying a head of water, &c.	-	D. McKenzie, M. L. Barbour, S. Dean, & J. McNaughton	-	Caledonia, N. Y.	-	June 19, 1826.
Wind-mill	-	William Coburn	-	Gardiner, Me.	-	June 2, 1826.
Wind-mill	-	Moses Padley	-	Ontario, N. Y.	-	Aug. 31, 1826.

## LEVER AND SCREW POWER.

Brick press, spiral moulding	-	James Parker	-	Gardiner, Me.	-	March 28, 1826.
Brick press	-	Julius Willard	-	Baltimore, Md.	-	May 2, 1826.
Brick press	-	Ephraim Mayo	-	Hallowell, Me.	-	June 24, 1826.
Brick press, self-feeding	-	John Winslow	-	Portland, Me.	-	Dec. 8, 1826.
Cheese press	-	Lebbeus Caswell	-	Harrison, Me.	-	Dec. 18, 1826.

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cotton packing -	Charles Williams -	Petersburg, Va. -	June 3, 1826.
Cotton packing -	James H. McClelland -	Fairfield district, S. C. -	Dec. 28, 1826.
Cotton press -	Gideon Glenn -	Lewisburg, N. C. -	April 12, 1826.
Cotton press -	J. Botturwright & J. Mathews -	Richland, S. C. -	Nov. 21, 1826.
Cotton and tobacco press -	David Flagg & Charles Peck -	Gardiner, Me. -	Dec. 30, 1826.
Hay press, cider and oil -	Nathan Whitney -	Augusta, Me. -	Feb. 15, 1826.
Hay press, hops, &c. -	Joseph Wilson -	Otsego, N. Y. -	Feb. 17, 1826.
Hay press, double box -	Ez. Waterhouse -	Gardiner, Me. -	Nov. 14, 1826.
Hay press, cotton, &c. -	David Flagg & Charles Peck -	Gardiner, Me. -	Dec. 30, 1826.
Lever bottom press -	Emmanuel Vencar -	Halifax, N. C. -	May 10, 1826.
Oil-press -	William H. Hoegg -	Ashtabula, Ohio -	May 21, 1826.
Printing-press, power -	Daniel Treadwell -	Boston, Mass. -	March 2, 1826.
Printing-press, power -	David Phelps -	Boston, Mass. -	Sept. 15, 1826.
Printing-press -	Samuel Fairlamb -	New York -	Nov. 4, 1826.
Screw for propelling machinery -	William H. Godfrey -	Rochester, N. Y. -	Nov. 27, 1826.
Vice, perpetual lever -	Calvin Wing -	Gardiner, Me. -	March 2, 1826.
ARMS.			
Cannon, method of discharging Carronade, screw-box, elevating, and cap	Hy. Whitcomb -	Adams, N. Y. -	Oct. 25, 1826.
	Enoch Hidden -	New York -	April 26, 1826.

Fire arms	-	Fordyce Ruggles	-	Hardwick, Me.	-	Nov.	24, 1826.
Lock, rifle	-	Joseph Medberry & S.	-	Rochester, N. Y.	-	June	16, 1826.
Sponges for artillery	-	Kellogg	-	Philadelphia, Penn.	-	May	16, 1826.
		John Gether	-				

or

## SURGERY.

Cataract, instrument for operating on the	-	Thomas R. Williams	-	Philadelphia, Penn.	-	June	14, 1826.
Lythontripter	-	Isaiah Lukens	-	Philadelphia, Penn.	-	Dec.	30, 1826.
Truss, spiral-spring	-	Bela Farr	-	Norwich, N. Y.	-	March	21, 1826.

## MATHEMATICAL INSTRUMENTS.

Genealogy, chronology, represented by lines	-	H. V. Bostwick	-	New York	-	August	2, 1826.
Globes, artificial	-	William B. Annin	-	Boston, Mass.	-	May	4, 1826.
Lotteries, scheme	-	Edward Grattan	-	Providence, R. I.	-	May	16, 1826.
Lotteries, drawing	-	William C. Comine	-	Baltimore, Md.	-	Nov.	14, 1826.
Lotteries, drawing	-	John C. Rives	-	Washington, D. C.	-	Dec.	22, 1826.

## HOROLOGY.

Clocks, wooden wheel, 30 hours	-	Eli Terry	-	Plymouth, Conn.	-	March	4, 1826.
Clocks, wooden wheel, 30 hours	-	Eli Terry	-	Plymouth, Conn.	-	March	4, 1826.
Clocks, wooden wheel, 30 hours	-	Eli Terry	-	Plymouth, Conn.	-	July	5, 1826.

## C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

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## CHEMICAL COMPOSITIONS.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cement, water -	- Simeon Guilford	Lebanon, Penn.	Jan. 11, 1826.
Lampblack -	- Joseph Hastings	Cambridge, Mass.	August 15, 1826.
Ornamenting walls and ceilings -	- William West	Philadelphia, Penn.	May 20, 1826.
Tanning -	- Leonard Jacobs	Richmond, Va.	March 1, 1826.
Tan-vats, constructing -	- Aaron Higgins	Florence, Ohio	April 24, 1826.
Tansey essence -	- Israel Newton	Norwich, Vt.	Feb. 28, 1826.
Tincture for curing corns -	- Elisha Smith	New Brunswick, N. J.	Jan. 20, 1826.
Varnish for furniture -	- Marcus Curtis	Troy, N. Y.	April 22, 1826.

## D.

*Statement of receipts for patents, caveats, disclaimers, improvements, and certified copies of papers, in the year 1840.*

Amount received for patents, caveats, &c.	-	\$37,575 00
Amount received for office fees	-	481 51
		—————
		38,056 51
Deduct paid on withdrawals	-	7,173 31
		—————
		\$30,883 20

## E.

*Statement of expenditures, and payments made from the patent fund, by Henry L. Ellsworth, Commissioner, from the 1st January to the 31st December, 1840, inclusive.*

Under the act of 3d March, 1839:

For salaries	-	-	-	\$16,486 37
For contingent expenses	-	-	-	4,525 56
For library	-	-	-	402 98
For temporary clerks	-	-	-	2,115 96
For agricultural statistics and seeds	-	-	-	451 58
				—————
				23,982 45
Leaving a net balance to the credit of the patent fund	-			\$6,900 75

## F.

*Expenditures under the act of 3d March, 1837, for restoring the loss by fire in 1836.*

For draughtsmen	-	-	-	-	\$4,650 00
For examiner and register	-	-	-	-	2,000 00
For restoring the records of patents	-	-	-	-	73 69
For restored drawings	-	-	-	-	23 00
For restored models	-	-	-	-	826 00
For freight of models	-	-	-	-	140 74
For stationary	-	-	-	-	151 48
					—————
					\$7,864 91

PATENT OFFICE, January 30, 1841.

H. L. ELLSWORTH,  
Commissioner of Patents.

